



REPORT OF THE
Hydro-Electric Power
Commission
OF ONTARIO

1936


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WILLS MACLACHLAN



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TRANSPORT DIFFICULTIES—NORTHERN ONTARIO
Tractor ploughing through slush on Lac Seul, February 1936

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Ontario Hydro-Electric Power
Commission
(TWENTY-NINTH) ANNUAL REPORT

OF

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

FOR THE YEAR ENDED OCTOBER 31st

1936



ONTARIO

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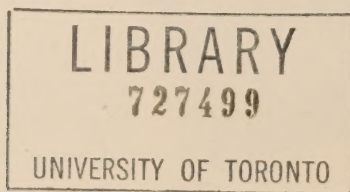
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1937

THE HYDRO-ELECTRIC POWER COMMISSION
OF ONTARIO
1936

T. STEWART LYON.....*Chairman*
HON. ARTHUR W. ROEBUCK, K.C., M.L.A.....*Commissioner*
HON. THOMAS B. MCQUESTEN, K.C., M.L.A.....*Commissioner*
A. MURRAY MCCRIMMON.....*Secretary and Controller*

Chief Engineers

T. H. HOGG, B.A.Sc., C.E., D.ENG.....*Hydraulic and Operation*
R. T. JEFFERY, B.Sc.....*Municipal Relations and Rural Power*



To His Honour

THE HONOURABLE HERBERT A. BRUCE, R.A.M.C., M.D., F.R.C.S.,
Lieutenant-Governor of Ontario

MAY IT PLEASE YOUR HONOUR:

The undersigned respectfully presents the Twenty-Ninth Annual Report of The Hydro-Electric Power Commission of Ontario for the fiscal year which ended October 31, 1936, together with financial statements and statistical data for the calendar year 1936 relating to the municipal electric utilities operating in conjunction with the various systems of the Commission for the supply of electrical service to the citizens of the Province.

The report contains a record of the Commission's activities in administration, construction and operation, and financial statements for the year ending October 31, 1936.

In addition to the business of supplying power to the municipal electric utilities and certain large customers directly in all systems, the Commission operates as trustee for the people of Ontario, under the Legislative Assembly and Executive Council, power developments scattered throughout the north-western part of the Province. These operations are conducted by the Commission under an agreement which provides that deficits incurred in operation, or in capital charges, shall be made good from the Provincial Treasury, and surplus funds remaining after provision for interest, renewals, sinking fund and any other proper charge upon the capital employed, shall be transferred to the Treasury of the Province.

For the information of Your Honour and the Members of the Legislature, comparative statements have been compiled, showing for the several systems during the past seven years, the total cost of power supplied to the co-operating municipalities and to other consumers of each system, including the cost of power purchased under contract for each system, together with the revenues of each. There is also a record of such additions of capital as became necessary during the period under review.

Capital Expenditures

There has been a relatively small increase in the capital invested in the older systems during the past year. The extension of service lines for mining undertakings in the Little Long Lac district was the most important operation that called for the expenditure of capital in the Thunder Bay system during the year. There will be a marked increase in the mileage

and cost of these service lines during the year beginning November 1, 1936. The Long Lac gold field will require, within a comparatively short time, not less than 7,000 horsepower with an ultimate increase, during the coming eighteen months, of some 13,000 horse-power. An additional unit to the Commission's Alexander plant on the Nipigon river is contemplated.

Northern Line Extensions

There has been a marked increase in the investment of capital throughout the year in the rapidly expanding Northern Ontario properties, operated by the Commission on behalf of the Province. Most of this money (\$1,413,984) has been spent in the construction of high-tension transmission lines and service lines, connecting with mines that have reached the production stage and with mines that are still prospects. The principal source of power in the north has been the Abitibi Canyon development. Provision will be made during the year 1936-1937 for funding this expenditure, as well as for the further extension of mining loads. Provision will also be made for the construction of a storage dam on the Frederickhouse river, which will materially increase the supply of water to the Canyon plant at the period of minimum flow of the Abitibi river.

The capital invested in the plants of the various systems, embraced in the operations of the Commission on behalf of the co-operating municipalities, is \$263,671,779. This is exclusive of Government grants toward the construction of rural power lines, totalling \$10,232,098. The actual investment in the physical properties of the Commission, constructed to develop and transmit power to the four cost systems and in the Hamilton Street Railway is, therefore, slightly less than \$274,000,000. The Northern Ontario Properties and certain radial railways, for the bonded indebtedness of which the Commission is still nominally liable, represent additional investments of \$34,192,354. This brings the total capital investment in all systems up to \$308,096,234.

Cost of Operation

During the year under review the cost of operation, maintenance and administration in the Niagara system has been \$4,461,243, an increase of \$82,982 over 1934-35. During the corresponding period the revenue from operation has totalled \$24,365,449, an increase of \$1,072,959. It will be seen that the increase in operating costs has been less than one-twelfth of the increase in revenue derived from operation. Equally satisfactory operating results have been secured in the various systems, other than the Eastern Ontario system, where during the exceptionally dry season a considerable quantity of power had to be supplied from sources outside of the system, because of the failure of the flow of the waters of the Trent river. Eastern Ontario costs are still fully \$100,000 less than they averaged in the years 1929-1932.

Power Bills Cut

The increase in operating revenues has been obtained despite a marked reduction in the cost of power supplied by the Commission to the municipalities in the various systems, other than the Niagara system, during the year. The change in the interim rate in the Georgian Bay system was

calculated to reduce comparative revenue to the extent of \$40,100 during the year. In Eastern Ontario system the approximate effect of the interim rate reductions on comparative revenue meant a saving in wholesale rates to the municipalities of \$133,200 during the year. In the Thunder Bay system reductions took the form largely of a cut in the cost of power supplied to paper mills. The basic rate for power for most mills at the Head of the Lakes was reduced during the year from \$21.00 to \$18.00 per horsepower per year. The Commission expects that the operations of the year 1936-1937 will warrant a further reduction at the close of that year.

Cancellation of Quebec Contracts

The most important change in the financial set-up of the Commission's operations, during the year, was that brought about by the cancellation of the Quebec power contracts. In the Annual Report for the year 1935, a statement will be found showing the contracts voided under the Power Commission Act of 1935. These contracts were made between the Commission and—

1. Gatineau Power Company, dated May 19, 1926, for a supply of 25-cycle power, increasing from year to year until a maximum of 260,000 horsepower was reached in October 1, 1931.
2. Beauharnois Light, Heat & Power Company, dated November 28, 1929, for a supply of 25-cycle power to be delivered in varying blocks from year to year until a maximum of 250,000 horsepower was reached on October 1, 1936.
3. Ottawa Valley Power Company, dated February 15, 1930, for a supply of 96,000 horsepower of 25-cycle power from the plant of the Company on the Quebec side of the Ottawa river at Chats Falls.
4. MacLaren Quebec Power Company, dated December 20, 1930, and supplemental agreement dated January 14, 1931, for a supply of 25-cycle power to be delivered in increasing quantities from year to year until a maximum of 125,000 horsepower was reached on November 1, 1936.

These contracts provided that the Commission should accept at the beginning of the fiscal year 1936-1937 a quantity of 25-cycle power for the Niagara system totalling 731,000 horsepower at an annual cost thereafter of \$10,965,000.

5. Gatineau Power Company, dated December 28, 1927, for a supply of 60-cycle power for the Eastern Ontario system, increasing from year to year until a maximum of 60,000 horsepower was reached on October 1, 1937.

Revision of Quebec Contracts

Acting on the authority conferred upon it under The Power Commission Act, 1935, which provided that "the Commission may from time to time pay for such power as it deems desirable, and may with the approval of the Lieutenant-Governor in Council enter into contracts therefor," the Commission ceased to take deliveries of or pay for power under the old contracts on November 1, 1935, for all 25-cycle power, specified above.

DISTRIBUTION OF PRIMARY POWER TO SYSTEMS
20-MINUTE PEAK HORSEPOWER—SYSTEM COINCIDENT PRIMARY PEAKS

| System | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 |
|-------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| October | | | | | | | |
| Niagara system, 25-cycle..... | 879,518 | 805,630 | 839,946 | 848,793 | 856,434 | 875,067 | 935,254 |
| Dominion Power & Trans. | 58,579 | 48,659 | 43,968 | 45,710 | 50,670 | 54,155 | 54,021 |
| Georgian Bay system..... | 23,355 | 26,356 | 25,666 | 23,887 | 24,488 | 27,534 | 26,555 |
| Eastern Ontario system..... | 87,990 | 85,856 | 80,544 | 86,890 | 91,716 | 103,559 | 111,421 |
| Thunder Bay system..... | 73,968 | 51,600 | 58,140 | 66,187 | 60,188 | 66,823 | 83,090 |
| Manitoulin rural power dist. | | | | 80 | 88 | 114 | 138 |
| Northern Ont. properties: | | | | | | | |
| Nipissing district..... | 3,745 | 3,689 | 3,751 | 3,539 | 3,840 | 3,921 | 4,115 |
| Sudbury district..... | 12,935 | 10,724 | 7,574 | 12,466 | 12,466 | 13,070 | 14,021 |
| Abitibi district..... | | 17,800 | 11,340 | 15,777 | 31,501 | 43,731 | 76,944 |
| Espanola district..... | | | | | 509 | 547 | 101 |
| Patricia district..... | 1,582 | 1,912 | 2,048 | 2,627 | 2,828 | 3,512 | 4,182 |
| St. Joseph district..... | | | | | | 1,314 | 1,702 |
| Total..... | 1,141,672 | 1,052,227 | 1,072,977 | 1,105,956 | 1,134,728 | 1,193,347 | 1,311,544 |
| December | | | | | | | |
| Niagara system, 25-cycle..... | 902,392 | 828,200 | 838,338 | 879,893 | 901,877 | 932,708 | 1,005,630 |
| Dominion Power & Trans. | 61,528 | 56,166 | 48,525 | 51,743 | 54,021 | 56,032 | 55,898 |
| Georgian Bay system..... | 25,591 | 27,531 | 26,424 | 25,496 | 26,816 | 27,466 | 28,512 |
| Eastern Ontario system..... | 93,560 | 91,253 | 86,716 | 91,924 | 96,783 | 107,185 | 119,705 |
| Thunder Bay system..... | 61,300 | 50,300 | 55,570 | 54,704 | 69,658 | 65,181 | 80,858 |
| Manitoulin rural power dist. | | | | 84 | 108 | 134 | 143 |
| Northern Ont. properties: | | | | | | | |
| Nipissing district..... | 3,654 | 4,088 | 3,799 | 3,901 | 4,008 | 4,095 | 4,531 |
| Sudbury district..... | 10,724 | 11,059 | 9,853 | 12,802 | 13,003 | 14,008 | 15,147 |
| Abitibi district..... | | 13,000 | 13,000 | 14,745 | 32,842 | 57,357 | 73,727 |
| Espanola district..... | | | | | 535 | 533 | 522 |
| Patricia district..... | 1,521 | 1,926 | 2,058 | 2,735 | 2,855 | 3,512 | 4,062 |
| St. Joseph district..... | | | | | | 1,394 | 2,145 |
| Total..... | 1,160,270 | 1,083,523 | 1,084,283 | 1,138,027 | 1,202,506 | 1,269,605 | 1,390,880 |

NOTE.—The above figures represent primary loads, and are strictly comparable from year to year. The figures which have appeared in this table in earlier years have expressed total loads on the basis in use at the time; for example, on page viii of the 1930 report, the October 1930 load is shown as 1,000,670 horsepower. In addition to the primary load of 879,518 it contained at-will export 113,592 horsepower and a transfer to the Georgian Bay system amounting to 7,560 horsepower. While the latter is a primary obligation upon the Niagara system so far as generating resources go, it does not represent Niagara system load and as this load is included in the Georgian Bay system figures it must be excluded from those of the Niagara system. The correction has been made in all subsequent years.

The 60-cycle power contract with the Gatineau Power Company was re-arranged and the quantity supplied was limited to 42,000 horsepower of firm power as of November 1, 1935, at a price of \$12.50 per horsepower per year. Provision was made for reserves of 9,000 horsepower immediate stand-by at \$10.00 per horsepower per year, and 9,000 horsepower of general reserve at \$1.75 per horsepower per year, until the increasing needs of the Eastern Ontario system required larger supplies of firm power, which, however, were limited to a maximum of 60,000 horsepower.

New contracts for 25-cycle power were drawn during the year under review with the Gatineau Power Company and The James MacLaren Power Company.

DISTRIBUTION OF POWER TO SYSTEMS—TOTAL PRIMARY AND SECONDARY
20-MINUTE PEAK HORSEPOWER—SYSTEM COINCIDENT PEAKS

| System | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 |
|-----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| October | | | | | | | |
| Niagara system, 25-cycle..... | 1,038,110 | 860,630 | 867,446 | 1,055,697 | 1,071,046 | 1,177,346 | 1,006,166 |
| Dominion Power & Trans. | 58,579 | 48,659 | 43,968 | 45,710 | 50,670 | 54,155 | 54,021 |
| Georgian Bay system..... | 23,355 | 26,356 | 25,666 | 23,887 | 24,488 | 27,534 | 26,555 |
| Eastern Ontario system..... | 87,990 | 85,857 | 80,544 | 86,890 | 121,823 | 133,733 | 117,969 |
| Thunder Bay system..... | 73,968 | 51,600 | 65,700 | 90,450 | 99,866 | 113,673 | 133,914 |
| Manitoulin rural power dist. | | | | 80 | 88 | 114 | 138 |
| Northern Ont. properties: | | | | | | | |
| Nipissing district..... | 3,745 | 3,689 | 3,751 | 3,539 | 3,840 | 3,921 | 4,115 |
| Sudbury district..... | 12,935 | 10,724 | 7,574 | 12,466 | 12,466 | 13,070 | 14,021 |
| Abitibi district..... | | 17,800 | 11,340 | 45,389 | 64,075 | 96,814 | 146,783 |
| Espanola district..... | | | | | 509 | 547 | 101 |
| Patricia district..... | 1,582 | 1,912 | 2,048 | 2,627 | 2,828 | 3,512 | 4,182 |
| St. Joseph district..... | | | | | | 1,314 | 1,702 |
| Total..... | 1,300,264 | 1,107,227 | 1,108,037 | 1,366,735 | 1,451,699 | 1,625,733 | 1,509,667 |
| December | | | | | | | |
| Niagara system, 25-cycle..... | 1,073,400 | 883,200 | 838,338 | 1,134,262 | 1,150,938 | 1,080,697 | 1,056,032 |
| Dominion Power & Trans. | 61,528 | 56,166 | 48,525 | 51,743 | 54,021 | 56,032 | 55,898 |
| Georgian Bay system..... | 25,591 | 27,531 | 26,424 | 25,496 | 26,816 | 27,466 | 28,512 |
| Eastern Ontario system..... | 93,560 | 91,253 | 86,716 | 116,127 | 127,849 | 124,873 | 125,999 |
| Thunder Bay system..... | 61,300 | 50,300 | 63,800 | 120,000 | 122,922 | 125,201 | 143,432 |
| Manitoulin rural power dist. | | | | 84 | 108 | 134 | 143 |
| Northern Ont. properties: | | | | | | | |
| Nipissing district..... | 3,654 | 4,088 | 3,799 | 3,901 | 4,008 | 4,095 | 4,531 |
| Sudbury district..... | 10,724 | 11,059 | 9,853 | 12,802 | 13,003 | 14,008 | 15,147 |
| Abitibi district..... | | 13,000 | 13,000 | 46,890 | 93,029 | 138,390 | 157,507 |
| Espanola district..... | | | | | 535 | 533 | 522 |
| Patricia district..... | 1,521 | 1,926 | 2,058 | 2,735 | 2,855 | 3,512 | 4,062 |
| St. Joseph district..... | | | | | | 1,394 | 2,145 |
| Total..... | 1,331,278 | 1,138,523 | 1,092,513 | 1,514,040 | 1,596,084 | 1,576,335 | 1,593,930 |

NOTE.—In some instances the above figures differ slightly from those appearing in earlier Annual Reports. Corrections have been made for the transfer of power between the Niagara and Georgian Bay systems; inclusion in the Niagara system of Gatineau resale, and, in the earlier years, using system coincident peaks instead of the sum of the district peaks for the Eastern Ontario system and showing Sudbury and Abitibi as separate districts.

The Gatineau Power Company, under a revised contract, for ten years from November 1, 1935, provided a temporary supply of 201,000 horsepower until May 1, 1936, half of which was used under an arrangement for at-will power for the generation of steam in certain large manufacturing industries in the Niagara peninsula, that had not facilities for the immediate production of steam by the use of coal. The extremely low price obtained for this at-will power, used under steam boilers, did not warrant the Commission in continuing such an unprofitable use of purchased power, except during the summer months of minimum consumption in the various systems.

The Companies to which at-will power was supplied in the Niagara peninsula, having made provision for the generation of steam in their own coal-burning plants, the Commission on May 1, 1936, under the revised contract with the Gatineau Power Company, reduced the supply of firm

power taken from the Company to 100,000 horsepower at a price of \$12.50 per horsepower per annum, and thereafter until the end of the fiscal year ending October 31, 1936, continued to take 100,000 horsepower of firm 25-cycle power from the Gatineau Power Company, instead of the 260,000 horsepower required under the original contract.

Provision was also made in the revised Gatineau contract for a block of 33,000 horsepower of immediate stand-by power at a price of \$10.00 per horsepower per year, and for 127,000 horsepower of general reserve at a price of \$1.75 per horsepower per year, to be held at the disposal of the Commission and to be called up as firm power when required.

The James MacLaren Power Company under a revised contract provided a straight delivery of 40,000 horsepower of firm 25-cycle power at a price of \$12.50 per horsepower per year for a period of ten years.

No contract revisions were made during the year under review with the Ottawa Valley Power Company or the Beauharnois Light, Heat & Power Company.

Financial Effect of Cancellation and Revision of Quebec Contracts

The result of these re-arrangements of the contracts for purchased power is shown in the following summary of operating results in the Niagara system's business during the fiscal year ending October 31, 1936:

| | |
|---|--------------------|
| Cost of power purchased under old Quebec contracts during year ending October 31, 1935..... | \$7,936,923 |
| Cost of power purchased under revised contracts during year ending October 31, 1936..... | 2,824,228 |
| Decrease of..... | <u>\$5,112,695</u> |

These figures do not fully present the real saving to the municipalities of the Niagara system resulting from the cancellation of the power contracts. Very large additional deliveries, scheduled to take place in November, 1935, and in 1936 prior to October 31, would have increased the cost of power during the year 1935-1936 to \$9,500,000, so that the saving under the heading "Power purchased" was in reality slightly over \$6,000,000.

The savings thus made permitted the Commission to make an end of withdrawals from the contingencies reserve of the system, applied in the reduction of the cost of power during the years 1932-1935 inclusive. In 1935 the withdrawal had been \$2,878,831, and the average annual withdrawal during the four years had totalled \$3,132,478.

In addition to ending the drain upon the reserves for the purchase of power that could not be used profitably in the Commission's business, the savings realized during the year under review from the reduction of power purchase obligations, permitted the appropriation of \$1,963,599 for stabilization of rates, and a provision for contingencies of \$604,475. There had been no provision for contingencies in the Niagara system, other than in the rural districts, since 1931.

Wholesale Cost Reduced

Believing that the very large reductions in the cost of power, obtained through the policy of purchasing only such quantities of firm power and of

reserve power as were necessary to the economical and safe operation of the Niagara system, should be passed on to the consumers in the system, the Commission at the end of the year announced that, beginning on November 1, 1936, a reduction of \$2.50 per horsepower would be made in the case of power supplied to the co-operating municipalities of the Niagara system. It is not expected that this reduction will absorb all the saving to be secured during the year commencing November 1, 1936, and ending October 31, 1937, but that before the end of that period further reductions in the whole-sale cost of power will become possible.

Reserves

Reserves have been set up for depreciation, contingencies, stabilization of rates, sinking fund and insurance purposes totalling in the case of the co-operating municipalities, \$82,344,402; for the Northern Ontario properties, \$2,130,913; for hydro-electric railways, \$165,392; for insurance, workmen's compensation and staff pensions, \$5,645,063.55. The reserves of the Commission, therefore, for all purposes total, as of October 31, 1936, \$90,285,772.

Sinking Fund

Throughout the changes that have been made in the financial condition of the Niagara system, the sinking fund of the system has been added to strictly in accordance with the provisions of The Power Commission Act. The addition to the Niagara system's sinking fund, during the past year, including interest earned, totals \$3,334,447. It stands now at an aggregate amount of \$33,960,834. The sinking funds of all other systems have been increased to the full amount required by law during the year.

Annual Adjustments

Credits to the municipalities of the Niagara system under the thirteenth bill totalled \$348,724.62 and are participated in by all municipalities of that system except ten. The other systems—Eastern Ontario, Georgian Bay and Thunder Bay—remain in excellent financial condition. There is not a single debit thirteenth bill against any municipality in the Eastern Ontario system, and rebates have been made totalling substantial sums. In the Thunder Bay system the net credit on the year's operations has been such as to warrant material rebates to the consumers which the Commission has recommended should be made at the earliest possible date. Not since 1930 has the Thunder Bay system been so prosperous.

Refunding Provisions

May I again direct the attention of Your Honour and the Members of the Legislature to the working out, during the year under review, of arrangements made with the Treasury Department of Ontario, under which The Hydro-Electric Power Commission will hereafter finance its capital needs by the issue of Commission bonds, bearing the guarantee of the Province of Ontario, instead of through the Provincial Treasury by the issue of bonds of the Province of Ontario, constituting a direct liability of the Government.

The agreement also provides that at the maturity of the various issues of the Province, now outstanding, the Commission shall provide money for

COMPARATIVE FINANCIAL STATEMENTS

NIAGARA

| Year..... | 1930 | 1931 |
|--|------------------------|------------------------|
| | \$ c. | \$ c. |
| CAPITAL INVESTMENT* | 199,799,252.77 | 208,501,899.28 |
| Power purchased..... | 2,644,916.07 | 3,979,524.00 |
| Operation, maintenance and administration..... | 5,606,062.59 | 5,653,006.77 |
| Interest..... | 8,980,374.58 | 9,502,526.86 |
| Provision for depreciation and obsolescence..... | 1,606,458.27 | 1,391,105.25 |
| Provision for contingencies..... | 2,893,784.93 | 617,820.29 |
| Stabilization of rates..... | | |
| Sinking fund..... | 1,794,591.02 | 1,872,727.14 |
| TOTAL COST OF POWER..... | 23,526,187.46 | 23,016,710.31 |
| Less: | | |
| Amount appropriated from the contingencies reserve of the system and applied in reduction of the cost of power..... | | |
| Net total..... | 23,526,187.46 | 23,016,710.31 |
| REVENUE from municipalities at interim rates, from rural consumers and from private customers under flat rate contracts..... | 24,467,322.68 | 23,752,132.85 |
| Net balance credited or charged to municipalities under cost contracts..... | 941,135.22 Credited | 735,422.54 Credited |

*Exclusive of Government Grant—Rural Lines.

GEORGIAN BAY

| Year..... | 1930 | 1931 |
|--|-----------------------|----------------------|
| | \$ c. | \$ c. |
| CAPITAL INVESTMENT* | 7,940,666.96 | 8,203,445.46 |
| Power purchased..... | 53,201.27 | 64,410.77 |
| Operation, maintenance and administration..... | 360,061.28 | 438,941.70 |
| Interest..... | 299,428.66 | 356,655.71 |
| Provision for depreciation and obsolescence..... | 92,375.30 | 121,800.88 |
| Provision for contingencies..... | 35,695.22 | 47,827.76 |
| Sinking fund..... | 69,344.10 | 83,789.13 |
| TOTAL COST OF POWER..... | 910,105.83 | 1,113,425.95 |
| REVENUE from municipalities at interim rates, from rural consumers and from private customers under flat rate contracts..... | 926,692.34 | 1,050,823.94 |
| Net balance credited or charged to municipalities under cost contracts..... | 16,586.51 Credited | 62,602.01 Charged |

*Exclusive of Government Grant—Rural Lines.

RESPECTING THE SYSTEMS OF THE COMMISSION

SYSTEM

| 1932 | 1933 | 1934 | 1935 | 1936 |
|------------------------|-----------------------|-----------------------|----------------------|------------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 207,977,388.63 | 208,143,427.49 | 208,626,540.68 | 210,332,868.06 | 210,746,185.54 |
| 5,513,435.12 | 6,738,406.63 | 6,872,793.14 | 8,232,968.05† | 3,110,848.14‡ |
| 4,893,571.40 | 4,800,173.78 | 4,821,848.99 | 4,378,261.93 | 4,461,243.58 |
| 10,691,491.55 | 10,445,990.16 | 10,138,022.77 | 9,891,871.69 | 10,079,221.26 |
| 1,579,701.50 | 1,628,176.44 | 1,627,164.82 | 1,633,187.66 | 1,631,383.24 |
| 118,462.65 | 125,698.79 | 129,514.12 | 133,744.87 | 604,475.08 |
| 1,977,928.39 | 1,883,199.99 | 1,987,207.74 | 1,973,389.31 | 1,963,599.60 |
| 24,774,590.61 | 25,621,645.79 | 25,576,551.58 | 26,243,423.51 | 23,960,165.84 |
| 2,544,648.63 | 4,236,606.73 | 2,869,828.36 | 2,878,831.21 | ..... |
| 22,229,941.98 | 21,385,039.06 | 22,706,723.22 | 23,364,592.30 | 23,960,165.84 |
| 22,459,448.97 | 21,096,722.06 | 22,543,780.63 | 23,292,490.97 | 24,365,449.12 |
| 229,506.99 Credited | 288,317.00 Charged | 162,942.59 Charged | 72,101.33 Charged | 405,283.28 Credited |

†Includes 296,045.47 purchased from Canadian Niagara Power Co., 1935.

‡Includes 286,620.10 purchased from Canadian Niagara Power Co., 1936.

SYSTEM

| 1932 | 1933 | 1934 | 1935 | 1936 |
|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 8,329,025.78 | 8,394,645.25 | 8,427,278.77 | 8,478,201.80 | 8,615,788.28 |
| 18,810.77 | 27,316.52 | 43,832.70 | 39,281.63 | 53,545.91 |
| 483,137.12 | 440,008.76 | 409,286.71 | 384,446.80 | 379,933.24 |
| 412,557.36 | 396,690.67 | 380,745.19 | 371,615.62 | 402,626.68 |
| 124,737.66 | 128,111.66 | 129,844.11 | 131,083.26 | 131,661.80 |
| 54,229.21 | 57,148.73 | 43,570.17 | 44,390.15 | 28,079.05 |
| 86,698.15 | 87,826.94 | 88,348.64 | 88,746.21 | 89,697.31 |
| 1,180,170.27 | 1,137,103.28 | 1,095,627.52 | 1,059,563.67 | 1,085,543.99 |
| 1,161,831.25 | 1,163,135.32 | 1,181,960.85 | 1,154,986.69 | 1,137,998.72 |
| 18,339.02 Charged | 26,032.04 Credited | 86,333.33 Credited | 95,423.02 Credited | 52,454.73 Credited |

COMPARATIVE FINANCIAL STATEMENTS

EASTERN ONTARIO

| Year..... | 1930 | 1931 |
|--|----------------|----------------|
| | \$ c. | \$ c. |
| CAPITAL INVESTMENT*..... | 20,027,578.12† | 20,689,225.27† |
| Power purchased..... | 522,732.86 | 637,903.94 |
| Operation, maintenance and administration..... | 934,766.36 | 981,514.88 |
| Interest..... | 913,872.57 | 938,745.56 |
| Provision for depreciation and obsolescence..... | 214,924.91 | 241,193.70 |
| Provision for contingencies..... | 115,160.41 | 110,668.22 |
| Sinking fund..... | 158,835.47 | 167,272.84 |
| TOTAL COST OF POWER..... | 2,860,292.58 | 3,077,299.14 |
| Appropriated from contingencies reserve to cover shortage on operation of local distribution systems..... | | |
| Net total..... | 2,860,292.58 | 3,077,299.14 |
| REVENUE from municipalities at interim rates, from rural consumers and from private customers under flat rate contracts..... | 3,051,987.02 | 3,232,921.80 |
| Excess revenue over cost of power..... | 191,694.44 | 155,622.66 |
| Profit from sale of power to companies and/or local distribution systems, transferred to contingencies reserve..... | 117,244.91 | 136,927.20 |
| Net balance credited to municipalities under cost contracts..... | 74,449.53 | 18,695.46 |

*Exclusive of Government Grant—Rural Lines.

THUNDER BAY

| Year..... | 1930 | 1931 |
|--|----------------------|----------------------|
| | \$ c. | \$ c. |
| CAPITAL INVESTMENT. *..... | 17,645,796.31 | 18,406,363.39 |
| Power purchased..... | 474.00 | |
| Operation, maintenance and administration..... | 225,693.87 | 217,397.15 |
| Interest..... | 655,340.84 | 879,477.46 |
| Provision for depreciation and obsolescence..... | 112,798.56 | 151,173.65 |
| Provision for contingencies..... | 346,252.43 | |
| Sinking fund..... | 137,011.32 | 135,813.13 |
| TOTAL COST OF POWER..... | 1,477,571.02 | 1,383,861.39 |
| Amount appropriated from contingencies reserve of the system and applied in reduction of the cost of power..... | | |
| Net total..... | 1,477,571.02 | 1,383,861.39 |
| REVENUE from municipalities at interim rates, from rural consumers and from private customers under flat rate contracts..... | 1,481,978.47 | 1,339,046.63 |
| Net balance credited or charged to municipalities under cost contracts..... | 4,407.45 Credited | 44,814.76 Charged |

*Exclusive of Government Grant—Rural Lines.

RESPECTING THE SYSTEMS OF THE COMMISSION

SYSTEM

| 1932 | 1933 | 1934 | 1935 | 1936 |
|----------------------|----------------------|----------------------|----------------------|-----------------------|
| \$ 20,179,282.12† | \$ 18,491,291.60† | \$ 18,970,080.28† | \$ 19,214,999.94† | \$ 19,504,226.762† |
| 698,627.59 | 777,050.62 | 833,980.26 | 849,295.63 | 869,352.72 |
| 918,978.04 | 761,603.57 | 724,389.50 | 719,353.15 | 819,378.24 |
| 968,995.87 | 894,253.67 | 913,406.78 | 848,533.52 | 889,036.20 |
| 248,330.65 | 227,793.09 | 242,903.39 | 250,839.49 | 251,545.62 |
| 119,387.64 | 83,188.62 | 84,924.08 | 86,456.30 | 57,884.54 |
| 171,432.37 | 173,029.78 | 174,813.02 | 184,228.67 | 187,230.65 |
| 3,125,752.16 | 2,916,919.35 | 2,974,417.03 | 2,938,706.76 | 3,074,427.97 |
| | | 115.28 | | |
| 3,125,752.16 | 2,916,919.35 | 2,974,301.75 | 2,938,706.76 | 3,074,427.97 |
| 3,199,177.07 | 2,920,450.19 | 3,084,008.59 | 3,182,930.67 | 3,263,920.73 |
| 73,424.91 | 3,530.84 | 109,706.84 | 244,223.91 | 189,492.76 |
| 48,122.89 | 1,281.64 | | | |
| 25,302.02 | 2,249.20 | 109,706.84 | 244,223.91 | 189,492.76 |

†These figures do not include the expense of the St. Lawrence and Ottawa River surveys—
included in previous Reports. See page xvii.

SYSTEM

| 1932 | 1933 | 1934 | 1935 | 1936 |
|-----------------------|----------------------|----------------------|----------------------|-----------------------|
| \$ 18,480,738.51 | \$ 18,630,772.18 | \$ 18,679,610.73 | \$ 18,669,882.13 | \$ 18,820,351.23 |
| 203,224.26 | 214,729.82 | 215,991.04 | 225,840.86 | 242,644.51 |
| 1,017,730.35 | 972,869.43 | 912,622.62 | 897,013.99 | 897,562.99 |
| 147,471.19 | 149,518.82 | 160,490.28 | 160,523.21 | 159,401.00 |
| 132.36 | 869.29 | 1,140.37 | 1,190.36 | 85,856.94 |
| 137,066.04 | 140,993.98 | 148,323.24 | 148,735.40 | 148,812.06 |
| 1,505,624.20 | 1,478,981.34 | 1,438,567.55 | 1,433,303.82 | 1,534,277.50 |
| 143,499.15 | 41,359.65 | | | |
| 1,362,125.05 | 1,437,621.69 | 1,438,567.55 | 1,433,303.82 | 1,534,277.50 |
| 1,235,438.17 | 1,380,099.79 | 1,383,066.52 | 1,436,074.07 | 1,565,806.81 |
| 126,686.88 Charged | 57,521.90 Charged | 55,501.03 Charged | 2,770.25 Credited | 31,529.31 Credited |

the redemption of that portion of such obligations used by the Province to provide capital for The Hydro-Electric Power Commission's operations.

From the time of the inauguration of this plan until October 31, 1936, the Commission has repaid to the Government, and through it to the holders of bonds of the Province of Ontario, the sum of \$22,813,942, as follows:—

| | | |
|------|-------------------|----------------|
| 1935 | December 1..... | \$7,436,297.86 |
| | December 31..... | 4,000,000.00 |
| 1936 | March 31..... | 999,603.01 |
| | May 2..... | 6,698,672.36 |
| | May 4..... | 1,174,001.16 |
| | June 1..... | 643,558.51 |
| | August 30..... | 680,295.59 |
| | September 12..... | 1,181,503.81 |

These sums paid in retirement of the debt, reduced the net debt of the Commission to the Government from \$185,171,051 as of October 31, 1935, to \$162,357,109, as of October 31, 1936.

Rural Power

There are 174 operating rural power districts and power is delivered to approximately 74,000 rural consumers, comprising farms and dwellings in various groups. The consumers are situated in 369 townships and 96 police villages and are served over networks of rural primary lines, which aggregate nearly 10,800 miles. In addition to the 369 townships served by rural power districts, 10 townships are served jointly by rural power districts and voted areas.

The demand for power by rural consumers during the year has been unusually high. During the month of October an aggregate load of 42,897 horsepower was delivered; an increase of 15.3 per cent over the load delivered during the same month in the previous year.

A further reduction in the service charge to farm consumers was ordered to become effective on December 1, 1936. The "small" and "light" farm service charges have been reduced from \$2.00 to \$1.00 per month net, and all other farm service charges will receive a reduction of 25 per cent from existing standard maximum rates.

The demand for rural service continues and indications are that during the year 1937 approximately 10,000 consumers will apply for service. These applications will necessitate the construction of more than 1,500 miles of additional rural primary lines.

Provincial Assistance for Rural Service

Provincial grants amounting to one-half of the cost of primary and secondary rural lines have been received for the construction of these lines during the year. The total grants received since 1921 amounted to \$10,232,098.78, which grants have been divided among the various systems, as follows:

| | |
|----------------------------------|-----------------|
| Niagara..... | \$7,272,457.50 |
| Georgian Bay..... | 942,627.53 |
| Eastern Ontario..... | 1,894,965.47 |
| Thunder Bay..... | 62,391.94 |
| Manitoulin R.P.D..... | 29,860.88 |
| Northern Ontario Properties..... | 29,795.46 |
| Total | \$10,232,098.78 |

CAPITAL INVESTMENT

The total investment of The Hydro-Electric Power Commission of Ontario in power undertakings and hydro-electric railways is \$297,864,134.93, exclusive of government grants in respect of construction of rural power districts' lines (\$10,232,098.78); and the investment of the municipalities in distributing systems and other assets is \$115,845,676.42, making in power and hydro-electric railway undertakings a total investment of \$413,709,811.35.

The following statement shows the capital invested in the respective systems, districts and municipal undertakings, etc.:

| | |
|--|-------------------------|
| Niagara system (including Hamilton street railway) | \$210,746,185.54 |
| Georgian Bay system | 8,615,788.28 |
| Eastern Ontario system | 19,504,226.76 |
| Thunder Bay system | 18,820,351.23 |
| Manitoulin rural power district | 35,722.19 |
| Nipissing rural power districts | 30,539.20 |
| Bonnechere storage | 51,741.88 |
| Office and service buildings | 3,104,154.23 |
| Construction plant and inventories | 1,881,575.41 |
| Preliminary surveys—St. Lawrence and Ottawa rivers | 881,494.84 |
| | <u>\$263,671,779.56</u> |
| Northern Ontario properties—Operated by H-E.P.C. on behalf of the Province of Ontario | 31,839,796.66 |
| Guelph Radial Railway—Operated by H-E.P.C. on behalf of the Municipality of Guelph | 447,556.71 |
| Toronto-Port Credit-St. Catharines Radial Railways | 1,905,002.00 |
| | <u>\$297,864,134.93</u> |
| Municipalities' distribution systems—all systems | 93,438,204.30 |
| Other assets of municipal Hydro utilities (exclusive of \$36,193,874.21 of municipal sinking-fund equity in H-E.P.C. system)—all systems | 22,407,472.12 |
| | <u>\$413,709,811.35</u> |

RESERVES OF COMMISSION AND MUNICIPAL ELECTRIC UTILITIES

The total reserves of the Commission and the municipal electric utilities for depreciation, contingencies, stabilization of rates, sinking fund and insurance purposes amount to \$165,473,742.46, made up as follows:

| | |
|--|-------------------------|
| Niagara system | \$65,716,063.88 |
| Georgian Bay system | 3,813,421.17 |
| Eastern Ontario system | 7,403,232.34 |
| Thunder Bay system | 4,521,099.79 |
| Manitoulin rural power district | 8,289.00 |
| Nipissing rural power districts | 11,087.37 |
| Office and service buildings and equipment | 861,803.60 |
| Bonnechere storage | 9,405.55 |
| | <u>\$82,344,402.70</u> |
| Total reserves in respect of Commission's properties | 2,130,913.99 |
| Northern Ontario properties | 165,392.22 |
| Hydro-electric railways (Guelph) | 5,645,063.55 |
| Insurance, workmen's compensation and staff pensions | |
| | <u>\$90,285,772.46</u> |
| Total reserves of the Commission | 75,187,970.00 |
| Total reserves and surplus of municipal electric utilities | |
| | <u>\$165,473,742.46</u> |

REVENUE OF COMMISSION

The revenue of the Commission at interim rates from the municipal utilities operating under cost contracts, from customers in rural power districts and from other customers with whom—on behalf of the municipalities—the Commission has special contracts, all within the Niagara, Georgian Bay, Eastern Ontario and Thunder Bay systems, Manitoulin Island and Nipissing rural power districts aggregates \$30,358,067.49. The revenue of the Commission from customers served by the Northern Ontario properties, which are held and operated in trust for the Province, is \$2,242,238.64, making a total of \$32,600,306.13.

Summarized operating results of these systems and rural power districts, and of the Northern Ontario properties, follow:

SUMMARIZED OPERATING RESULTS

OF THE

NIAGARA, EASTERN ONTARIO, GEORGIAN BAY, THUNDER BAY SYSTEMS

AND ALSO

BONNECHERE STORAGE SYSTEM, NIPISSING AND MANITOULIN
RURAL POWER DISTRICTS

| | | |
|--|-----------------|---------------------|
| Revenue from municipal electric utilities and other power customers..... | \$27,357,317.45 | |
| Revenue from customers in rural power districts..... | 3,000,750.04 | |
| | | |
| Total revenue, systems and rural..... | | \$30,358,067.49 |
| Operation, maintenance, administration, interest and other current expenses..... | \$22,224,385.44 | |
| Provision for reserves— | | |
| Depreciation and obsolescence..... | \$2,176,124.27 | |
| Contingencies..... | 776,295.61 | |
| Stabilization of rates..... | 1,963,599.60 | |
| Sinking fund..... | 2,537,548.94 | |
| | | |
| | 7,453,568.42 | 29,677,953.86 |
| Net balance credited to municipalities under cost contracts..... | | <u>\$680,113.63</u> |

OPERATING RESULTS OF THE NORTHERN ONTARIO PROPERTIES

| | | |
|--|----------------|--------------------|
| Revenue from customers..... | \$2,242,238.64 | |
| Operation, maintenance, administration, interest and other current expenses..... | \$1,651,494.58 | |
| Provision for reserves— | | |
| Depreciation and obsolescence..... | \$234,405.34 | |
| Contingencies..... | 27,199.64 | |
| Sinking fund..... | 377,670.61 | |
| | | |
| | 639,275.59 | 2,290,770.17 |
| Deficiency after sinking fund appropriation..... | | <u>\$48,531.53</u> |

RURAL POWER DISTRICTS—OPERATIONS FOR THE YEAR 1936

| | Niagara system | Georgian Bay system | Eastern Ontario system | Thunder Bay system | Mani- toulin rural power district | Nipissing rural power districts | Totals |
|---|-------------------|---------------------------|------------------------------|--------------------------|---|--|--------------|
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Cost of power as provided to be paid under Power Commission Act..... | 961,373.80 | 118,260.48 | 198,483.81 | 4,668.63 | 3,750.00 | 5,581.98 | 1,292,118.70 |
| Cost of operation, maintenance and administration... | 468,336.43 | 61,721.90 | 123,598.54 | 4,087.35 | 1,216.99 | 3,226.63 | 662,187.84 |
| Interest..... | 347,175.94 | 45,190.96 | 86,798.71 | 2,940.71 | 1,523.98 | 1,360.01 | 484,990.31 |
| Depreciation and obsolescence..... | 246,593.95 | 31,705.13 | 64,032.92 | 1,067.08 | 1,147.70 | 984.91 | 345,531.69 |
| Sinking fund..... | 75,139.12 | 10,066.12 | 19,654.31 | 642.08 | 376.15 | 300.23 | 106,178.01 |
| Total expenses..... | 2,098,619.24 | 266,944.59 | 492,568.29 | 13,405.85 | 8,014.82 | 11,453.76 | 2,891,006.55 |
| Revenue from customers..... | 2,187,520.92 | 263,578.21 | 514,902.54 | 13,926.24 | 8,864.56 | 11,957.57 | 3,000,750.04 |
| Balances credited to districts or charged to municipalities comprising districts: | | | | | | | |
| Net credit, all districts..... | 88,901.68 | | 22,334.25 | 520.39 | 849.74 | 503.81 | 113,109.87 |
| Net charge, all districts..... | | 3,366.38 | | | | | 3,366.38 |
| Net credit, all systems..... | | | | | | | 109,743.49 |

MUNICIPAL ELECTRIC UTILITIES

The following is a summation of the year's operation of the local electric utilities conducted by municipalities receiving power under cost contracts with the Commission:

| | |
|--|-----------------|
| Total revenue collected by the municipal electric utilities..... | \$34,408,163.84 |
| Cost of power..... | \$20,486,582.65 |
| Operation, maintenance and administration..... | 5,420,667.08 |
| Interest..... | 1,893,304.28 |
| Sinking fund and principal payments on debentures..... | 2,448,223.80 |
| Depreciation and other reserves..... | 2,230,021.86 |
| Total..... | 32,478,799.67 |
| Surplus..... | \$1,929,364.17 |

With regard to the local Hydro utilities operating under cost contracts, the following statements summarize for each of the four cooperative systems administered by the Commission, the financial status and the year's operations as detailed in Section X of the Report.

NIAGARA SYSTEM

The total plant assets of the Niagara system utilities amount to \$79,757,601.66. The total assets, including an equity in the H-E.P.C. of \$31,862,420.08 aggregate \$129,324,426.65. The reserves and surplus ac-

cumulated in connection with the local utilities, exclusive of the equity in the H-E.P.C., amount to \$60,544,603.02, an increase of \$4,739,061.93 during the year 1936. The percentage of net debt to total assets is 30.8, a reduction of 4.0 per cent.

The total revenue of the municipal electric utilities served by this system was \$27,992,780.11, an increase of \$913,104.25, as compared with the previous year. After meeting all expenses in respect of operation, including interest, setting up the standard depreciation reserve amounting to \$1,726,095.53, and providing \$2,245,077.15 for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electric utilities served by the Niagara system amounted to \$1,250,210.02, as compared with \$587,620.62 the previous year.

GEORGIAN BAY SYSTEM

The total plant assets of the Georgian Bay system utilities amount to \$2,762,733.07. The total assets, including an equity in the H-E.P.C. of \$1,185,337.97 aggregate \$4,560,722.42. The reserves and surplus accumulated in connection with the local utilities, exclusive of the equity in H-E.P.C., amount to \$2,841,928.65, an increase of \$133,843.03 during the year 1936. The percentage of the net debt to total assets is 15.6, a reduction of 3.2 per cent.

The total revenue of the municipal electric utilities served by this system was \$1,193,781.69, an increase of \$14,172.13, as compared with the previous year. After meeting all expenses in respect of operation, including interest, setting up the standard depreciation reserve amounting to \$80,536.06, and providing \$56,213.40 for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electric utilities served by the Georgian Bay system amounted to \$102,948.47, as compared with \$113,088.26 the previous year.

EASTERN ONTARIO SYSTEM

The total plant assets of the Eastern Ontario system utilities amount to \$7,827,749.41. The total assets, including an equity in the H-E.P.C. of \$1,493,643.75, aggregate \$11,933,214.40. The reserves and surplus accumulated in connection with the local utilities, exclusive of the equity in H-E.P.C., amount to \$8,095,790.08, an increase of \$602,851.71 during the year 1936. The percentage of net debt to total assets is 15.9, a reduction of 2.5 per cent.

The total revenue of the municipal electric utilities served by this system was \$3,526,475.11, an increase of \$79,348.98, as compared with the previous year. After meeting all expenses in respect of operation, including interest, setting up the standard depreciation reserve amounting to \$202,522.15, and providing \$116,697.42 for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electric utilities served by the Eastern Ontario system amounted to \$418,299.40, as compared with \$426,949.79 the previous year.

THUNDER BAY SYSTEM

The total plant assets of the Thunder Bay system utilities amount to \$2,535,031.47. The total assets, including an equity in the H-E.P.C. of \$1,652,472.41, aggregate \$5,549,207.90. The reserves and surplus accumulated in connection with the local utilities, exclusive of the equity in H-E.P.C., amount to \$3,312,080.45, an increase of \$212,135.95 during the year 1936. The percentage of net debt to total assets is 9.8, a reduction of 1.9 per cent.

The total revenue of the municipal electric utilities served by this system was \$1,325,069.51, an increase of \$21,541.89, as compared with the previous year. After meeting all expenses in respect of operation, including interest, setting up the standard depreciation reserve amounting to \$41,282.93, and providing \$12,346.49 for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electric utilities served by the Thunder Bay system amounted to \$117,181.35, as compared with \$119,890.66 the previous year.

* * *

My colleagues, the Honourable A. W. Roebuck, K.C., and the Honourable T. B. McQuesten, K.C., again join with me in expressing our appreciation of the close and most efficient co-operation of the Heads of Departments, and the officials generally of the Commission, in carrying to a successful issue the negotiations for the revisions of power contracts and the other important operations of the past year.

Many serious problems from time to time confront the Operating Department especially, from causes entirely beyond human control. The Commission has been fortunate, during the year under review, in freedom from serious ice troubles. The drought in Central Ontario, however, during midsummer of 1936, required the adoption of emergency measures, to provide from the Ottawa river energy for the operation of the industries of the Trent valley, that could not be supplied from power plants located on the line of the Trent river and its tributaries.

Had this power not been available most of the factories in the Midland district of Eastern Ontario would have been under the necessity of shutting down for considerable periods, at a great loss alike to employers and employees. The Commission desires to express its thanks to the resourceful and energetic members of its Staff, who found a way to avoid this industrial set-back.

A marked increase in the operation of heavy iron and steel industries resulted, before the end of the year, in a very considerable increase in the industrial power loads of the Commission, chiefly in the Niagara and Eastern Ontario systems. There has been continuous increase in the use of electric energy in the northern gold fields. This has been made possible almost to an equal extent by the increase in the price of gold to \$35.00 per ounce and by a supply of power, chiefly from the Commission's plants, at a standard price ranging from \$32.50 to \$35.00 per horsepower, according to voltage, for the energy required in the operation of the mines. Operating together, these two factors have made possible the opening up of great deposits of marginal ore that could not have been profitably turned into bullion, when gold was worth \$20.00 an ounce and power was supplied generally at \$50.00 per horsepower. The conjunction of high gold prices and low power prices in Northern Ontario has been one of the principal elements in bringing about the marked recovery in industry throughout the Province experienced during the past year.

Respectfully submitted,

T. STEWART LYON,

Chairman

TORONTO, ONTARIO, APRIL, 30TH, 1937.

T. STEWART LYON, ESQ.,

*Chairman, The Hydro-Electric Power Commission of Ontario,
Toronto, Ontario.*

Sir,—I have the honour to submit the Twenty-Ninth Annual Report of The Hydro-Electric Power Commission of Ontario. The Report covers the operations of the Commission for the fiscal year which ended October 31, 1936, both with regard to the supply of power to, or on behalf of, the partner municipalities of the several co-operative systems, as well as the administration, on behalf of the Provincial Government, of the Northern Ontario Properties.

During the year the work of the Commission in connection with the Northern Ontario Properties has been of growing relative importance and throughout the Report references to physical and financial matters appertaining to these properties are clearly distinguished.

The Report also records in some detail the work of the Commission in the distribution of electrical service to customers in rural power districts, and in Section X are incorporated financial statements and statistical data relating to the "Hydro" utilities of the partner municipalities.

I have the honour to be,

Sir,

Your obedient servant,

A. MURRAY McCRIMMON,

Secretary and Controller

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TWENTY- NINTH ANNUAL REPORT
OF
**The Hydro-Electric Power Commission
of Ontario**

FOREWORD
and
Guide to the Report

THE Hydro-Electric Power Commission of Ontario administers a co-operative municipal-ownership enterprise, supplying power throughout the Province of Ontario. The Commission was created in 1906 by special act of the Legislature and followed investigations by advisory commissions appointed as a result of public agitation to prevent monopoly and to provide a more satisfactory supply of low cost power in Southern Ontario. In 1907 The Power Commission Act (7-Edward VII Ch. 19) was passed amplifying and extending the Act of 1906 and this Act—modified by numerous amending acts which now form part of the Revised Statutes of Ontario, 1927, Chap. 57—constitutes the authority under which the Commission operates.

The Hydro-Electric Power Commission of Ontario consists of a Chairman and two Commissioners, all of whom are appointed by the Lieutenant-Governor-in-Council to hold office during pleasure. One of the Commissioners must be a member of the Executive Council and two may be members.

In 1909, work was commenced on a comprehensive transmission system and by the end of 1910 power was being supplied to several municipalities.

The Commission has now been supplying electrical energy for more than twenty-six years and the Report contains diagrams depicting the growth of the enterprise. During this period the costs of electricity to the consumer have been substantially reduced and the finances of the enterprise have been established on a secure foundation.

At the end of 1936 the Commission was serving 782 municipalities in Ontario. This number included 26 cities, 98 towns, 275 villages and police villages and 383 townships. With the exception of 14 suburban sections of townships known as "voted areas," the townships and 96 of the smaller villages are served as parts of 174 rural power districts.

Financial Features

The basic principle governing the financial operations of the undertaking is, that electrical service be given by the Commission to the municipalities and by the municipalities to the ultimate consumers at cost. Cost includes not only all operating and maintenance charges, interest on capital investment and reserves for renewals or depreciation and for obsolescence and contingencies, but also a reserve for sinking fund or capital payments on debentures.

The undertaking from its inception has been entirely self-supporting and no contributions have been made from general taxes except in connection with service in rural power districts. In this case, the Province, in pursuance of its long established policy of assisting agriculture and with the approval of the urban citizens, assists extension of rural electrical service by a grant-in-aid of the capital cost and in other ways as specified and detailed in the Report

As the principle of "service at cost" is radically different from that obtaining in private organizations, where profit is the governing feature, it naturally results in different and in some ways unique administrative features.

The undertaking as a whole involves two distinct phases of operations as follows:

The FIRST phase of operations is the provision of the electrical power—either by generation or purchase—and its transformation, transmission and delivery in *wholesale* quantities to individual municipal utilities, to large industrial consumers, and to rural power districts. This phase of the operations is performed by The Hydro-Electric Power Commission of Ontario as trustee for the municipalities acting collectively in groups or "systems," and the financial statements relating to these collective activities of the municipalities are presented in Section IX of the Report. Each system of municipalities, as provided in *The Power Commission Act*, forms an independent financial unit and the accounts are therefore segregated and separately presented for each system. In order, however, that there may be a comprehensive presentation of the co-operative activities of the undertaking as a whole, there are presented, in addition, for the four main systems and miscellaneous co-operative activities, a balance sheet of assets and liabilities, a summary combined operating and income account and a summary combined statement respecting the various reserves.

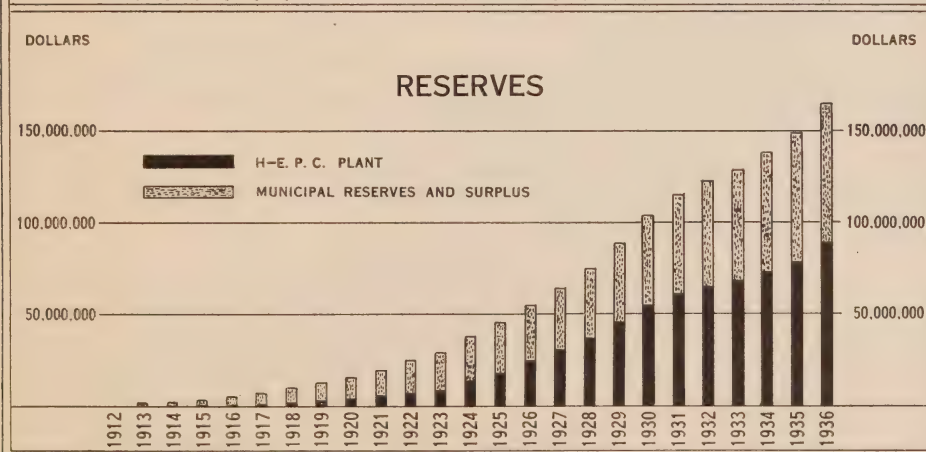
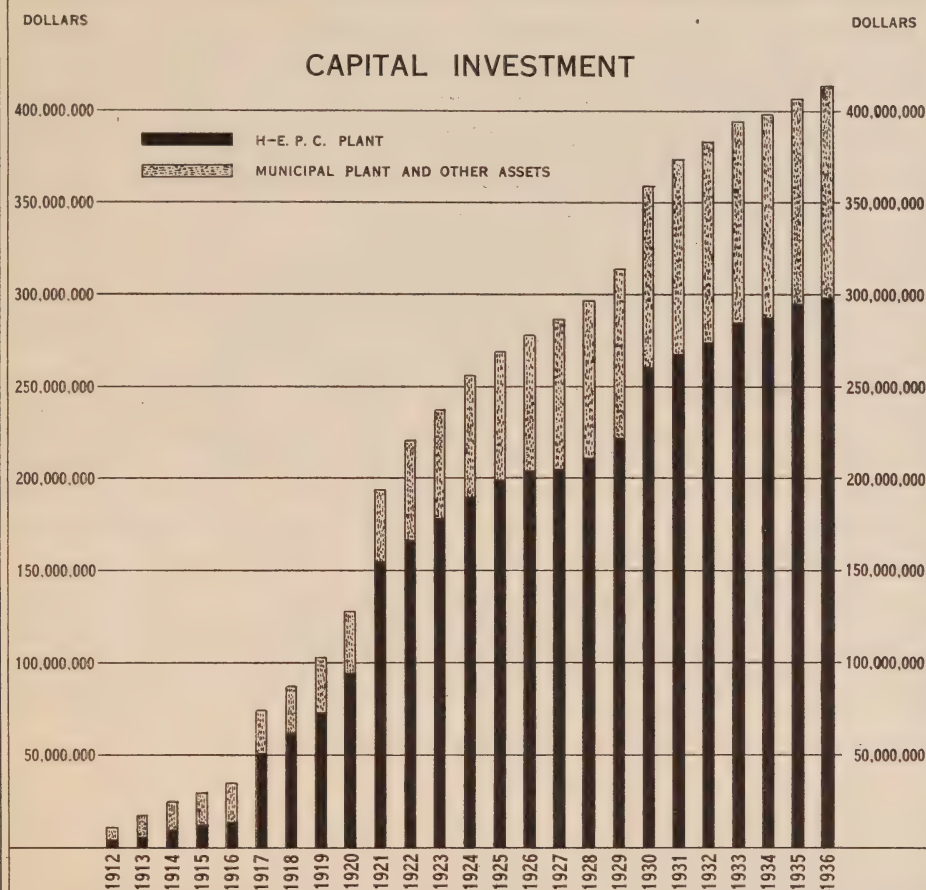
For the Northern Ontario properties operated by the Commission on behalf of the Province there are also presented in Section IX financial statements including a balance sheet; an operating and income account, and statements respecting reserves and capital expenditures.

The SECOND phase of operation is the *retail* distribution of electrical energy to consumers within the limits of the areas served by the various municipal utilities and rural power districts. In the case of rural power districts, which usually embrace portions of more than one township, The Hydro-Electric Power Commission not only provides the power at wholesale, but also—on behalf of the respective individual townships—attends to all physical and financial operations connected with the distribution of energy at retail to the consumers within the rural power districts. The financial statements relating to the rural power districts are also presented in Section IX of the Report.

In the case of cities, towns, many villages and certain thickly populated areas of townships, retail distribution of electrical energy provided by the Commission is in general conducted by individual local municipal utility commissions under the general supervision of The Hydro-Electric Power Commission of Ontario. The balance sheets, operating reports and statistical data relating to the individual urban electrical utilities are presented in Section X of the Report.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

TWENTY-FIVE YEARS RECORD—ALL SYSTEMS



Further details respecting administration, and explanations of the financial tables presented in the Report are given in the introductions to sections IX and X on pages 159 and 293.

Systems Operating

From time to time in accordance with provisions in *The Power Commission Act* various groups of municipalities have been co-ordinated to form systems for the purpose of obtaining power supplies from convenient sources. In some cases these small systems grew until their transmission lines interlocked with those of adjacent systems and it proved beneficial to consolidate the transmission networks and the financial and administrative features. In the well settled parts of the Province, known as Old Ontario, this process has now reached a more stable condition and the municipalities of the southern part of the Province are now combined in three systems: the Niagara system, the Georgian Bay system and the Eastern Ontario system. One other system of partnership municipalities is known as the Thunder Bay system.

The Niagara System is the largest and most important system. It embraces municipalities in all the territory between Niagara Falls, Hamilton and Toronto on the east and Windsor, Sarnia and Goderich on the west. It is served with electrical energy generated at plants on the Niagara river, supplemented with power transmitted from generating plants on the Ottawa river and with power purchased from Quebec companies.

The Georgian Bay System comprises municipalities in that part of the Province which surrounds the southern end of Georgian bay and lies to the north of the territory served by the Niagara system. It includes the districts surrounding lake Simcoe and extends as far north as Huntsville in the Lake of Bays district and south to Port Perry. Its power supplies are derived chiefly from local water power developments.

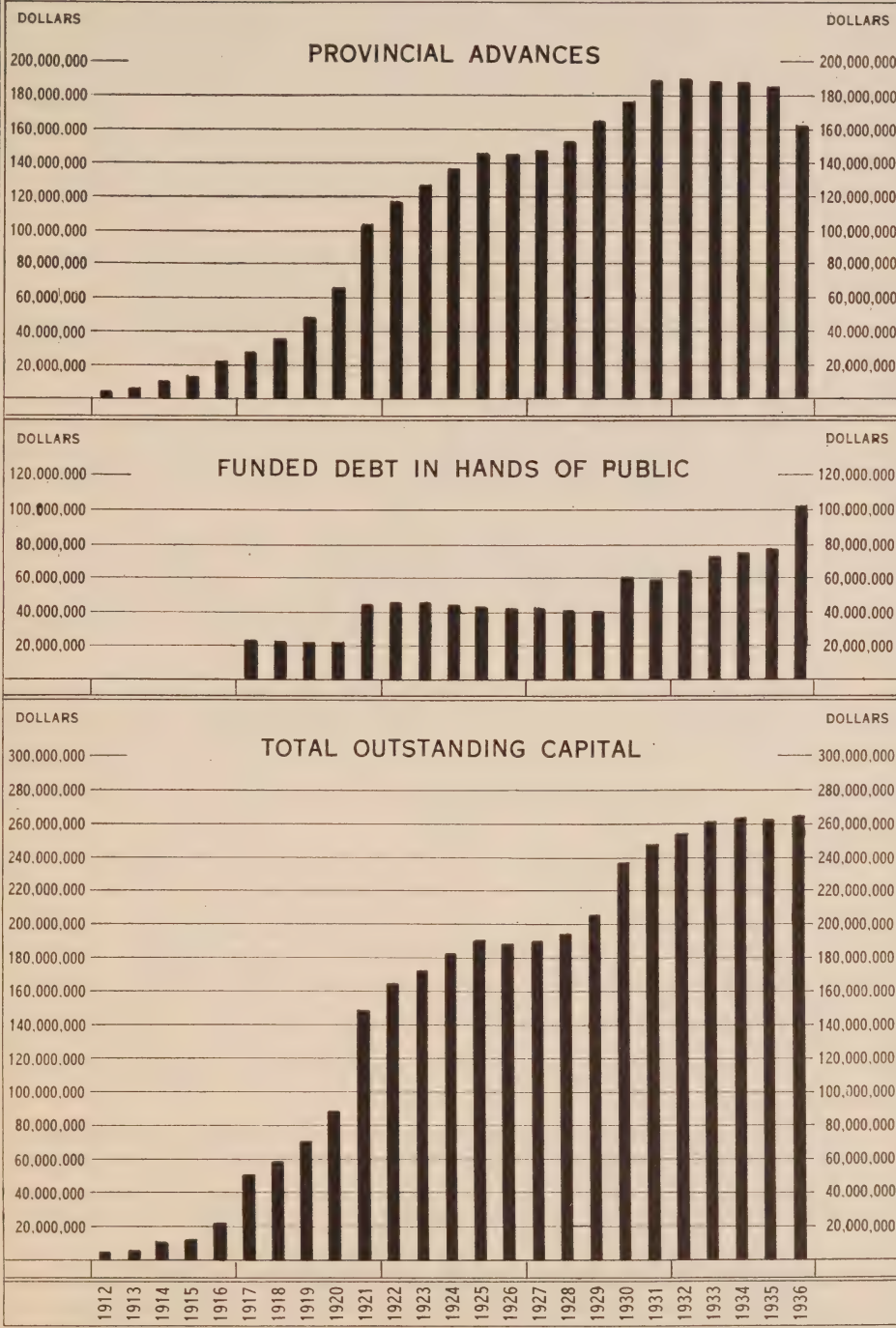
The Eastern Ontario System serves all of Ontario east of the areas comprising the Georgian Bay and the Niagara systems. It includes the districts of Central Ontario, St. Lawrence, Rideau, Ottawa and Madawaska; formerly separate systems. Its power supplies are from local developments supplemented by purchases from other sources.

The Thunder Bay System comprises the cities of Port Arthur and Fort William, adjacent rural sections and the village of Nipigon. Two developments on the Nipigon river supply power.

A small rural district known as *Manitoulin Rural Power District* on Manitoulin island in the northern area of lake Huron is served by the Commission as an independent unit.

Northern Ontario Properties. In addition to its operations on behalf of the partner municipalities, the Commission, under an agreement with the Province, holds and operates the Northern Ontario Properties in trust for the Province. For the purposes of financial administration these properties are treated as one unit. The Northern Ontario Properties lie in the portion of the Province north of Lake Nipissing and French River areas, exclusive of the territory served by the Thunder Bay system. The principal areas in

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
PROVINCIAL ADVANCES AND FUNDED DEBT



this vast territory at present receiving service are the *Nipissing District* centering around the city of North Bay on the shore of lake Nipissing; the *Sudbury District* comprising the city of Sudbury and the adjacent mining area known as Sudbury Basin; the *Abitibi District* comprising the territory served by 25-cycle power from the Abitibi Canyon development; the *Espanola District* in the southern portion of the district of Sudbury serving mining properties with 60-cycle power; the *Patricia District* comprising the territory within transmission distance of the Ear Falls development at the outlet of Lac Seul on the English river including the Red Lake mining area, and *St. Joseph District* comprising the territory immediately north of lake St. Joseph in the territorial district of Patricia served with power from a development at Rat Rapids on the Albany river.

The geographic boundaries of the various systems are shown on the map of transmission lines and station at the back of the Report.

The power supplies for the systems and Northern Ontario districts are listed in the first table of Section II of the Report on pages 10 and 11.

The Annual Report

The table of contents, pages xxiii and xxiv lists the matters dealt with in the Report. At the end of the Report there is a comprehensive index. To those not conversant with the Commission's Reports, the following notes will be useful.

In Section II, pages 8 to 62, dealing with the operations of the systems, are a number of diagrams showing graphically the monthly loads on the several systems and districts. Tables are also presented showing the amounts of power taken by the various municipalities in October during the past three years.

The rural distribution work of the Commission has proved of widespread interest and special reference to this is made in Section III on pages 86 to 106.

In Sections IV, V and VI will be found information respecting progress of work on new power developments and on transmission system extensions, together with photographic illustrations.

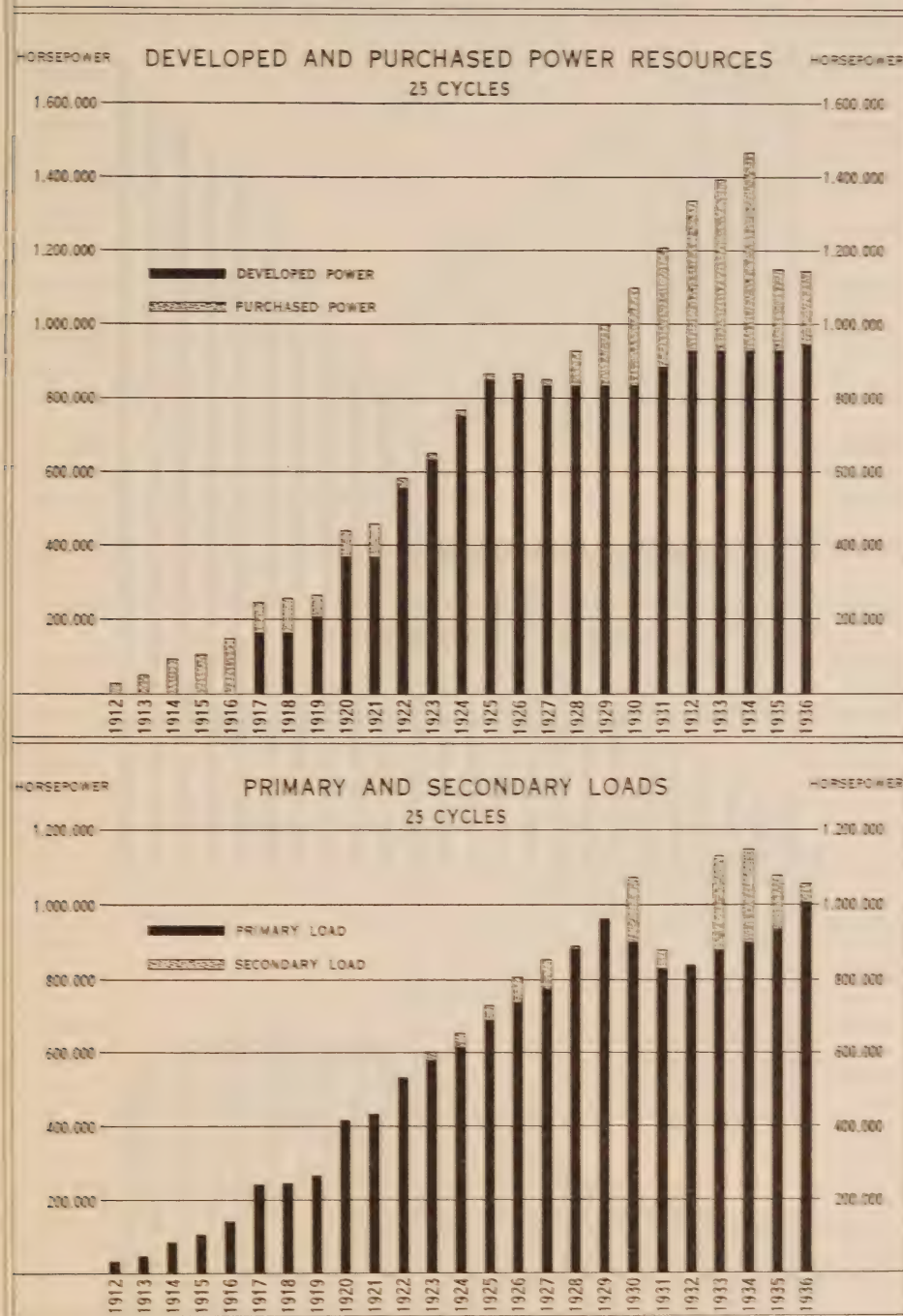
About one-half of the Report is devoted to financial and other statistical data which are presented in two sections IX and X already referred to above.

Frequent enquiries for the rates for service to consumers are received by the Commission. For the urban municipalities served by the Commission these are given in statement "E" starting on page 438. For the rural power districts they are given in a table starting on page 100. Certain statistical data resulting from the application of the rates in urban utilities are given in statement "D". This statement is prefaced by a special introduction starting on page 420.

In its Annual Reports the Commission aims to present a comprehensive statement respecting the activities of the whole undertaking under its administration. Explanatory statements are suitably placed throughout the Report. The Commission receives many letters asking for general information respecting its activities, as well as requests for specific information concerning certain phases of its operations. In most cases these enquiries can satisfactorily be answered by simply directing attention to information presented in the Annual Report.

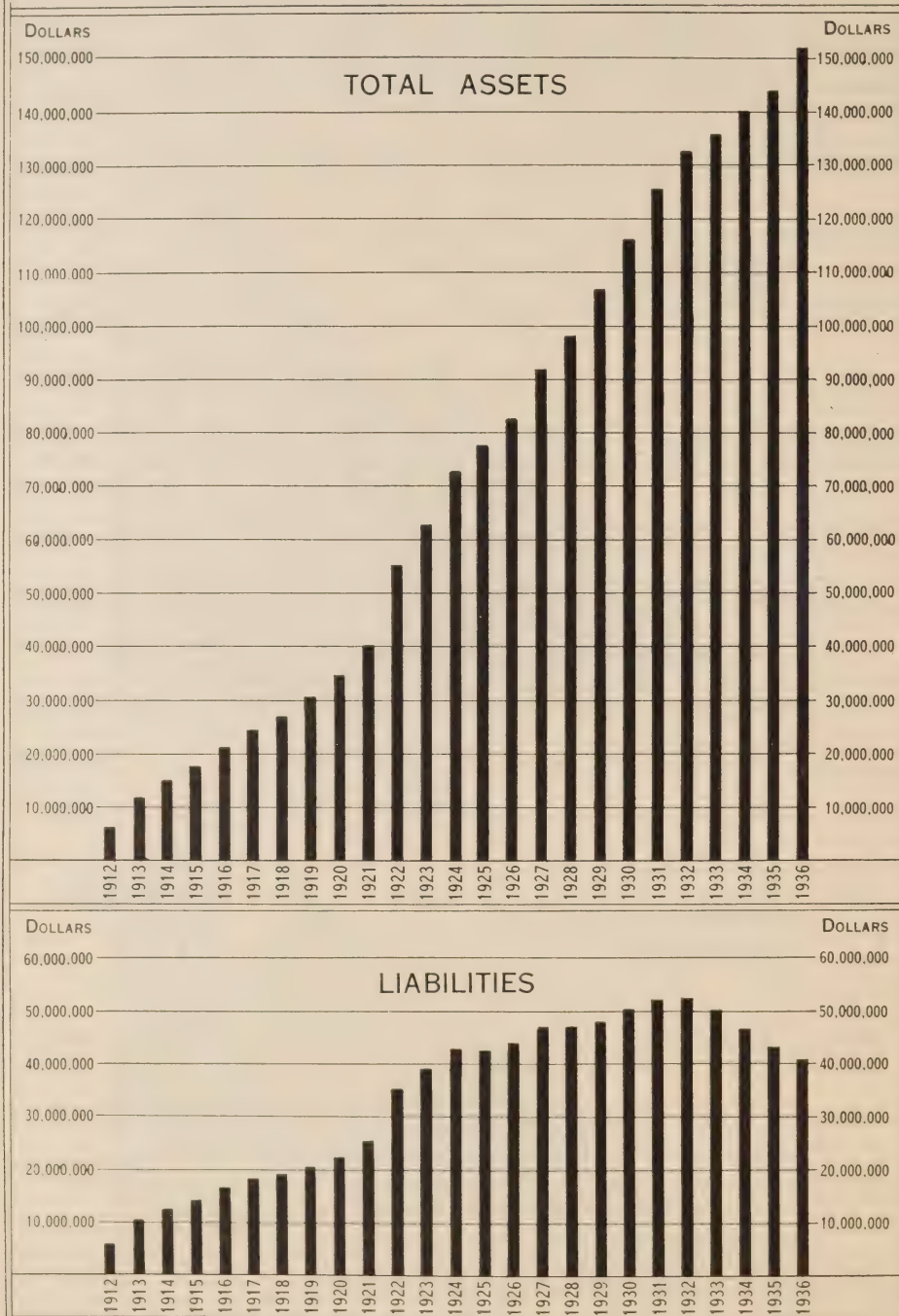
THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

TWENTY-FIVE YEARS RECORD—NIAGARA SYSTEM

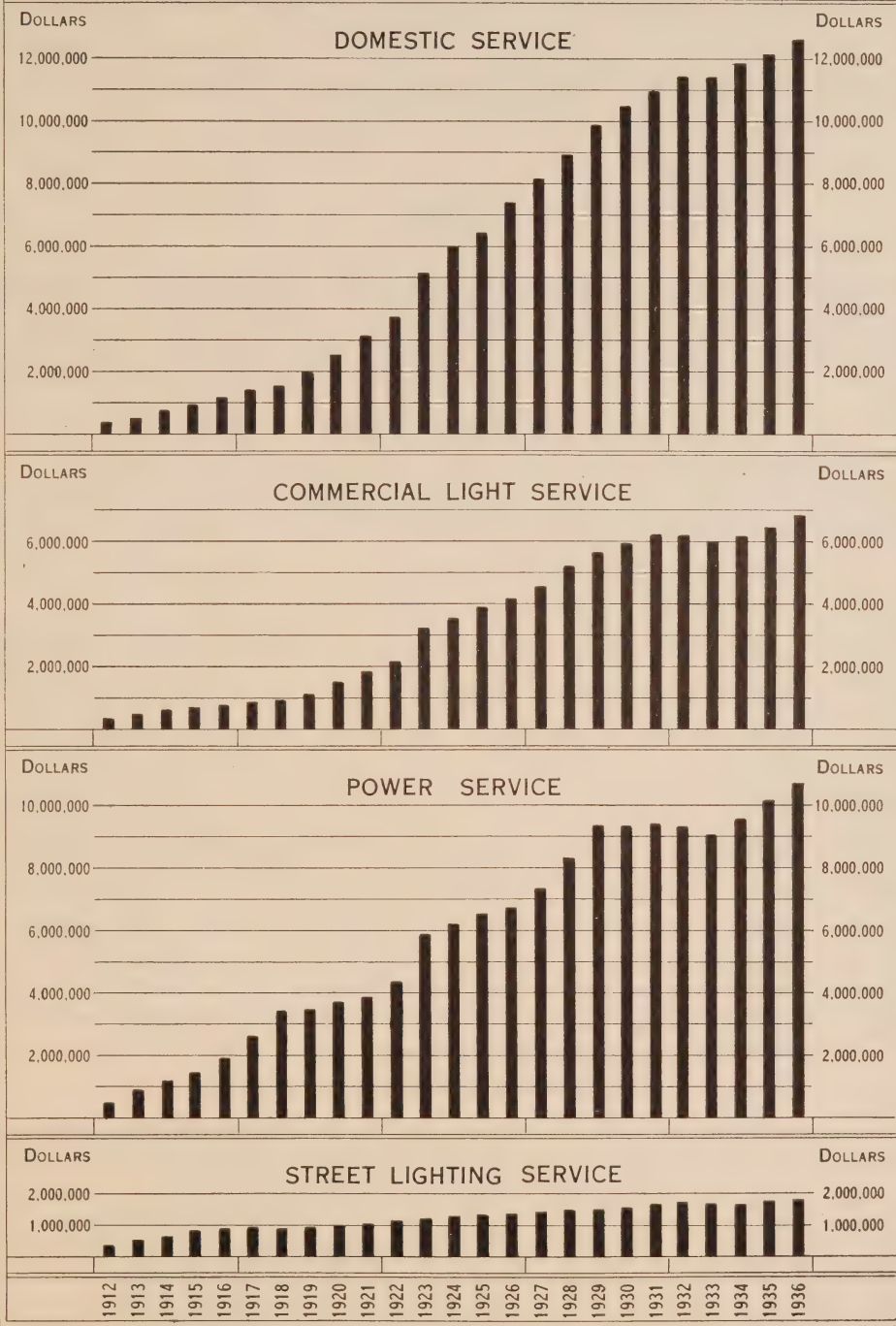


NOTE: Diagram depicts conditions for December, which correspond closely to winter peak conditions

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
HYDRO UTILITIES OF CO-OPERATING URBAN MUNICIPALITIES
TWENTY-FIVE YEARS RECORD



THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
HYDRO UTILITIES OF CO-OPERATING URBAN MUNICIPALITIES
TWENTY-FIVE YEARS REVENUES



SECTION I

LEGAL

AT the 1936 Session of the Legislative Assembly of the Province of Ontario one Act respecting The Hydro-Electric Power Commission of Ontario was passed. It is reproduced in full in Appendix I of this Report. The short title of the said Act is as follows:

The Power Contracts Validation Act, 1936, Chapter 49.

The agreements between The Hydro-Electric Power Commission of Ontario and municipalities and corporations mentioned in the list hereunder given were approved by Order-in-Council, dated the 24th day of November, 1936.

TOWNSHIPS

| | | |
|---|-----------|----------|
| Township of Albemarle..... | May | 23, 1936 |
| Township of Bruce..... | October | 20, 1936 |
| Township of Cumberland..... | November | 4, 1935 |
| Township of Cumberland..... | February | 3, 1936 |
| Township of Draper..... | October | 21, 1936 |
| Township of Kincardine..... | November | 27, 1935 |
| Township of Marlborough..... | June | 6, 1936 |
| Township of Marmora and Lake..... | June | 2, 1936 |
| Township of Proton..... | December | 7, 1935 |
| Township of South Cayuga..... | May | 27, 1936 |
| Township of Sullivan..... | April | 30, 1936 |
| Township of Westmeath—Re Hamlet of Beachburg..... | September | 8, 1936 |
| Township of Westmeath—Re Hamlet of Westmeath..... | September | 8, 1936 |

CORPORATIONS

| | | |
|---|-----------|----------|
| The Exolon Company Incorporated..... | August | 1, 1935 |
| Firestone Tire and Rubber Company of Canada, Limited..... | June | 15, 1936 |
| His Majesty the King, represented by the Honourable, the Minister of Railways and Canals of Canada..... | March | 10, 1936 |
| The International Nickel Company of Canada, Limited..... | September | 1, 1936 |
| Leitch Gold Mines, Limited..... | May | 29, 1936 |
| Norton Company..... | September | 1, 1936 |
| Sand River Gold Mining Company, Limited..... | May | 21, 1936 |

RIGHT-OF-WAY AND PROPERTIES

The Commission as trustee for the co-operating municipalities of the several systems, and as trustee for the Provincial Government in Northern Ontario has vested in it, or controls through ownership of subsidiary companies, a large amount of real estate throughout the Province. This real estate comprises power sites, storage basins, land held to avoid consequential damages, right-of-way and lands occupied by generating stations, transformer and distributing stations, and administration buildings. In respect to the 5,600 miles of high-voltage transmission lines, and the 10,000 miles of distribution lines in rural power districts, the Commission's right varies from direct ownership to rights held through easements, and leases for occupation with the right to overhang or tree trim thereon.

The Commission, where vested in the fee, endeavors to obtain from the lands under its jurisdiction the maximum revenue consistent with its own use. Lands which have come into the Commission's possession, and which are not immediately required for its purposes are, where possible, leased until the need arises for their use, and an endeavour is made to dispose of all lands not required.

The acquirement and administration of land owned, leased or controlled involves surveys, investigation of title, registrations, record, assessment and taxes.

In connection with the transmission and distribution networks throughout the Province, it is frequently necessary to obtain the approval of such controlling bodies as the Board of Railway Commissioners for Canada, Ontario Municipal Board, Department of Transport, Department of Public Works, Department of Indian Affairs, Department of Crown Lands, or other corporate body having jurisdiction over the lands involved.

In accordance with the foregoing, a systematic check of land owned by the Commission was undertaken and more than 500 miles of right-of-way and a large number of properties were inspected. A further endeavor to lessen the amount of property carried by the Commission was made and a number of miscellaneous properties were sold.

Maintenance

In the Toronto and Niagara Falls districts all residences and buildings owned by the Commission and available for lease were inspected and necessary rehabilitation and repair work was performed in accordance with an established cycle of maintenance. This resulted in increased revenue.

Where practicable fencing of right-of-way is dispensed with, but to meet special situations it was necessary to renew several miles.

The Year's Operations

During the year, agreements were made covering 403 crossings and leases, 397 easements for transmission line right-of-way, and 101 tree trimming rights upon the lines hereinafter noted. In no instance did the owner have occasion to appeal to the Valuator appointed under The Power Commission Act.

Purchase of Sites

Sites were purchased for Mannheim and Ryckman distributing stations, and an extension to Thorold transformer station in the Niagara system: also for Sudbury distributing station in the Sudbury District of the Northern Ontario Properties. Negotiations were practically completed for the purchase of transformer station and switching station sites at Kirkland Lake and for an extension to transformer station at Timmins in the Abitibi District.

Right-of-Way—Purchase and Sales

An important property on the former Toronto and Niagara Power Company's line in Toronto was acquired. This completed a continuous right-of-way from the city limits to Bridgman-Davenport transformer station.

The resale to adjoining property owners, of Toronto Suburban Railway properties acquired from the Canadian National Railways, was continued, subject to the right of the Commission to maintain transmission lines thereon. A portion extending from Islington to Cooksville was sold to the Department of Highways for the widening of Dundas street.

A number of sales of property formerly controlled by the Metropolitan Division of the former Toronto and York Radial Railway were made and deeds completed.

The resale of the former Grand Trunk Railway right-of-way, extending from Port Hope to Oshawa, and the Toronto Eastern Railway right-of-way from Bowmanville to Oshawa, was authorized, subject to the right to maintain thereon transmission lines.

Progress was made in acquiring and completing easements and rights in connection with transmission lines already constructed in Northern Ontario.

Settlement was effected in a number of damage claims resulting from the present maintained water level of Chats Lake.

A survey of property affected and an estimate of consequential land damage involved was completed in connection with the proposed Madawaska storage in Aylen, Bark and Kaminisneg lakes, in the counties of Hastings and Renfrew and District of Nipissing.

Surveys

A number of field surveys were made amongst which were the following:

- (a) Eugenia storage basin.
- (b) Toronto entrance, Humber river to Exhibition grounds.
- (c) St. Lawrence river transmission line crossing to Tar island.
- (d) Mannheim station site.
- (e) Hamilton east entrance, Kenilworth avenue to Stirton street.
- (f) City of Hamilton, properties of Dominion Power and Transmission Company.

- (g) Big Chute, Severn river to Honey Harbour transmission line.
- (h) Trent canal crossing, Campbellford.
- (i) Rideau canal crossing, Brass' Point.
- (j) Sudbury distributing station site.
- (k) Toronto and Niagara Power Company right-of-way - 3.
- (l) Niagara lands general - 3.
- (m) St. Catharines, Hamilton Cataract Power, Light and Traction Company's lands, Twelve Mile creek - 2.

In order to establish boundaries of lands owned by the Commission, the survey and placement of concrete monuments bearing bronze plugs was initiated. A number of important locations requiring attention were first selected, amongst them the following: Toronto entrance right-of-way from Humber river to Dowling avenue; and Eugenia storage basin boundaries.

Taxes

A check of all lands owned by the Commission which are subject to taxation under The Power Commission Act was completed, and by appeal or discussion with the municipalities affected, many inequalities and adjustments were made.

Lines in Rural Power Districts

Where possible, rural power lines are constructed on public highways or roads. In a few cases in order to avoid cutting trees, or owing to special local conditions, lines have been placed on private property. Frequently highway construction and improvement make it necessary to relocate existing pole lines. Wood-pole lines and extensions, involving easements, leases, etc., were constructed in the following rural power districts during 1935:

Niagara System

Amherstburg, Aylmer, Ayr, Baden, Beamsville, Belle River, Bond Lake, Bothwell, Brant, Caledonia, Chatham, Chippawa, Dorchester, Dresden, Dundas, Dunnville, Dutton, Elora, Essex, Georgetown, Grantham, Guelph, Haldimand, Ingersoll, Lynden, Merlin, Milton, Niagara, Preston, Ridgetown, St. Marys, St. Thomas, Sarnia, Strathroy, Thamesville, Tilbury, Walsingham, Wallaceburg, Waterdown, Waterford, Welland, Woodbridge, Woodstock.

Georgian Bay System

Bala, Barrie, Baysville, Beaumaris, Beaverton, Cannington, Creemore, Dundalk, Gravenhurst, Hawkestone, Huntsville, Medonte, Minden, Midland, Owen Sound, Uxbridge, Utterson.

Eastern Ontario System

Alexandria, Belleville, Bowmanville, Brighton, Brockville, Chesterville, Coburg, Colborne, Fenelon Falls, Iroquois, Kingston, Martintown, Maxville, Millbrook, Marmora, Napanee, Nepean, Newcastle, Norwood, Oshawa, Peterborough, Renfrew, Smiths Falls, Wellington.

High- and Low-Voltage Transmission Lines

Right-of-way easements, leases, tree trimming and crossing rights were negotiated in connection with the following lines:

Niagara System

De Cew Falls generating station to Niagara Falls (Canadian Niagara Power), D.P. 1x4.
DeCew Falls generating station to Bartonville switching station, D.P. 1x70.
Burlington distributing station to National Fireproofing junction, D.P. 13x1362.
Bartonville switching station to Ancaster distributing station, D.P. 70x24.
Firestone junction to Irondale station, D.P. 72x22.
Niagara transformer station to Toronto Power transformer station, N. 1x42.
Dundas transformer station to Guelph transformer station, N. 2x5.
Dundas transformer station to Brant transformer station, N. 2x12.
Dundas transformer station to Nelson junction, N. 2x52.
Dundas transformer station to Hamilton, N. 2x201.
Guelph transformer station to Preston transformer station, N. 5x6.
Preston transformer station to Kitchener transformer station, N. 6x7.
Kitchener transformer station to Erbs junction, N. 7x86.
Kitchener transformer station to Waterloo, N. 7x702.
St. Marys transformer station to London transformer station, N. 9x4.
St. Thomas transformer station to Kent transformer station, N. 11x14.
St. Thomas transformer station to St. Clair transformer station, N. 11x18.
St. Thomas transformer station to Aylmer junction, N. 11x1168.
Brant transformer station to Brantford, N. 12x1201.
Essex transformer station to Windsor, N. 15x1501.
Essex transformer station to Essex distributing station, N. 15x1547.
York transformer station to Islington distributing station, N. 16x1646.
Hamilton Beach transformer station to Hamilton Stirton transformer station, N. 17x48.
Bridgman Davenport transformer station to Leaside transformer station, N. 31x34.
Bridgman Davenport transformer station to Elmsthorpe junction, N. 31x372.
Port Colborne transformer station to International Nickel Company, N. 43x4306.
Thorold transformer station to Merriton switching station, N. 44x4483.
Allanburg junction to Dundas transformer station, N. 54x2.
Allanburg junction to St. Thomas transformer station, N. 54x11.
Fonthill junction to Pelham junction, N. 56x55.
Burlington junction to Islington junction, N. 59x66.
Halton junction to Cooksville transformer station, N. 60x13.
Islington junction to Wiltshire junction, N. 66x82.
Union Carbide junction to Welland transformer station, N. 80x45.
Gibson junction to Thorold transformer station, N. 84x44.
Erbs junction to Stratford transformer station, N. 86x8.
Canadian Niagara Power Company to Niagara transformer station, N. 94x1.
Canadian Niagara Power Company to Toronto Power transformer station, N. 94x42.
Wabash junction to Thorold transformer station, N. 95x44.
Dundas to Lynden distributing station, N. 202x34.
Richmond Hill distributing station to Aurora distributing station, N. 343x44.
Sharon distributing station to Keswick junction, N. 360x79.
Don junction to Danforth junction, N. 368x63.
Keswick junction to Sutton distributing station, N. 379x50.
Glendale junction to Delaware junction, N. 465x62.
Georgetown distributing station to Provincial Paper junction, N. 539x70.
Rockwood junction to Acton distributing station, N. 566x37.
Provincial Paper junction to Provincial Paper distributing station, N. 570x40.
Mannheim junction to Mannheim distributing station, N. 771x41.
Clinton junction to Clinton, N. 866x6.
Clinton junction to Goderich rural station, N. 866x49.
Harriston junction to Harriston distributing station, N. 871x41.
Norwich junction to Tillsonburg, N. 1066x9.
Aylmer junction to Aylmer distributing station, N. 1168x38.
Streetsville junction to Milton, N. 1369x8.
Meadowvale junction to Provincial Paper Company junction, N. 1380x570.
Dixie junction to Meadowvale junction, N. 1381x80.
Ridgetown junction to Thamesville junction, N. 1465x67.
Prince Albert junction to Como junction, N. 1468x69.
Como junction to Dominion Sugar Company junction, N. 1469x83.
Sandwich junction to Sandwich distributing station, N. 1569x39.
Gosfield junction to Leamington distributing station, N. 1576x45.

Islington distributing station to Weston junction, N. 1646x63.
 Humber junction to Weston, N. 1660x3.
 Weston junction to Humber junction, N. 1663x60.
 Albion Park junction to Albion Park distributing station, N. 1677x47.
 Forest distributing station to Arkona junction, N. 1845x71.
 Oil Springs junction to Petrolia distributing station, N. 1862x43.
 Murphy Road junction to Perth junction, N. 1872x77.
 Wanstead junction to Forest distributing station, N. 1876x45.
 Wanstead junction to Watford distributing station, N. 1876x46.
 Bourgoyne switching station to Louth distributing station, N. 4455x54.
 Merritton switching station to Bourgoyne switching station, N. 4483x55.
 Garden City junction to Garden City Pulp and Paper Company, N. 4486x26.
 Federal junction to Chats Falls junction, N.A. 59x2.
 Federal junction to Ottawa switching station, N.A. 59x9.
 Interprovincial Boundary to Cumberland junction, N.A. 93x55

Georgian Bay System

South Falls generating station to Gravenhurst junction, G. 4x54.
 Ragged Rapids to Bala junction, G. 9x63.
 Erbs junction to Hanover frequency changer station, G. 86x36.
 Eugenia generating station to Markdale junction, E. 1x52.
 Eugenia generating station to Dundalk junction, E. 1x55.
 Eugenia generating station to Meaford junction, E. 1x64.
 Chatsworth distributing station to Kilsyth junction, E. 3x65.
 Teeswater distributing station to Wingham distributing station, E. 21x22.
 Dundalk junction to Dundalk distributing station, E. 55x5.
 Walkerton junction to Teeswater junction, E. 70x71.
 Teeswater junction to Teeswater distributing station, E. 71x21.
 Teeswater junction to Holyrood junction, E. 71x74.
 Holyrood junction to Holyrood distributing station, E. 74x24.
 Holyrood junction to Kincardine distributing station, E. 74x25.
 Derby Mills junction to Hepworth distributing station, E. 84x47.
 Hanover switching station to Walkerton junction, E. 86x70.
 Port Elgin junction to Port Elgin distributing station, E. 94x44.
 Stayner junction to Stayner distributing station, S. 60x10.
 Thornton junction to Bradford junction, S. 86x87.

Eastern Ontario System

Cornwall transformer station to Howard Smith transformer station, Q. 6x7.
 Carleton Place distributing station to Carleton Place junction, Q. 9x55.
 Boundary junction to Ottawa junction, Q. 50x51.
 Ottawa junction to Cornwall transformer station, Q. 51x6.
 Carleton Place junction to Smiths Falls junction, Q. 55x63.
 Pakenham junction to Carleton Place distributing station, Q. 61x9.
 Smiths Falls junction to Smiths Falls transformer station, Q. 63x2.
 Sydney Terminal Station to Trenton Air Station, C. 3x303.
 Seymour generating station to Deloro switching station, C. 11x82.
 Fenelon Falls generating station to Lindsay distributing station, C. 30x29.
 Welcome junction to Oshawa Boulevard junction, C. 65x78.
 Napanee rural station to Bath, C. 70x7001.
 Norwood switching station to Auburn switching station, C. 81x69.
 Cataragui rural station to Kingston switching station, C. 93x94.
 Consecon junction to Wellington distributing station, C. 97x45.
 Smiths Falls distributing station to Rideau junction, H. 3x53.
 Merrickville generating station to Grenville Crushed Rock distributing station, H. 7x10.
 Forfar distributing station to Westport, H. 12x1201.
 Carleton Place junction to Smiths Falls distributing station, H. 55x3.
 Cornwall transformer station to Howard Smith Paper Mills distributing station, L. 1x6.
 Cornwall transformer station to Winchester junction, L. 1x54.
 Williamsburg distributing station to Winchester distributing station, L. 7x4.
 Lyn distributing station to Athens, L. 19x1901.
 Cardinal distributing station to Lower Lakes Terminal junction, L. 23x74.
 Winchester junction to Williamsburg distributing station, L. 54x7.
 Winchester junction to Cardinal distributing station, L. 54x23.
 Dominionville junction to Maxville distributing station, L. 67x17.
 Phillips junction to Brockville distributing station, L. 72x3.

Lower Lakes Terminal junction to Prescottt distributing station, L. 74x2.
Calabogie generating station to Ashdod junction, Q.M. 13x78.
Galletta junction to Chats Falls junction, Q.M. 60x71.
Burnstown junction to Arnprior junction, Q.M. 62x67.

Thunder Bay System

Dorion junction to Port Arthur transformer station, P. 55x2.

Northern Ontario Properties

Sudbury District

Coniston generating station to Neelon junction, F.S. 1x51.
Neelon junction to Sudbury distributing station, F.S. 51x5.
Neelon junction to Capreol junction, F.S. 51x56.

Abitibi District

Abitibi Canyon generating station to Hunta switching station, F.A. 12x50.
Kirkland Lake transformer station to Kirkland Gold Rand Mines, Limited, F.A. 16x1605.
Ramore transformer station to Kirkland Lake switching station, F.A. 18x66.
Ramore transformer station to Hollinger Consolidated Gold Mines (Hislop township), F.A. 18x1801.
Ramore transformer station to Vimy Gold Mines, F.A. 18x1802.
Ramore transformer station to Ramore distributing station, F.A. 18x1833.
Timmins transformer station to Blezard Valley junction, F.A. 19x70.
Timmins transformer station to Paymaster Consolidated Mines Limited, F.A. 19x1903.
Timmins transformer station to Goldale junction, F.A. 19x1961.
Hunta switching station to Timmins transformer station, F.A. 50x19.
Iroquois Falls switching station to Ramore transformer station, F.A. 65x18.
Kirkland Lake switching station to Kirkland Lake transformer station, F.A. 66x16.
Kirkland Lake switching station to Matachewan transformer station, F.A. 66x17.
Kirkland Lake switching station to Larder Lake transformer station, F.A. 66x21.
Blezard Valley junction to Copper Cliff transformer station, F.A. 70x10.
Blezard Valley junction to Falconbridge transformer station, F.A. 70x20.
Ramore distributing station to Ramore, F.A. 1833x3.
Ramore distributing station to Matheson, F.A. 1833x4.
Paymaster Consolidated Mines to Preston East Dome Mines, F.A. 1903x4.
Goldale junction to Porcupine Lake junction, F.A. 1961x65.
Porcupine Lake junction to Porcupine Lake Gold Mining Company, F.A. 1965x5.

Espanola District

Abitibi Power and Paper Company generating station to McMillan Gold Mines, F.E. 1x2.

SECTION II

OPERATION OF THE SYSTEMS

Operating Conditions

Satisfactory operation was maintained on all systems, with no serious interruptions to service, except in the Sudbury district. A fire at Stinson generating station on September 10 caused extensive damage and the plant was out of service until repairs could be made. Unit No. 2 was returned to service October 15 and unit No. 1 on October 31. From September 10 until September 20, when arrangements were completed for delivering a temporary supply from the Abitibi Power and Paper Company, it was necessary to restrict the supply of power to certain customers in the district.

An unusually hot dry summer reduced the stream flow in the Trent river, seriously reducing the capacity of the generating stations in the Trent valley. By the use of the frequency-changer set at Chats Falls and one of the lines normally used to transfer power at 220,000 volts from Chats Falls to Leaside, it was possible to supply sufficient power from Chats Falls to the Eastern Ontario system to make up the deficiency in the power supply, and there were no restrictions on primary load. Some reductions were made in the supply of secondary power. On the Georgian Bay system the drought also affected the capacity of the generating plants and it was necessary to transfer more power from the Niagara system through the Hanover frequency-changer set than required in the previous year. Normal conditions prevailed on other systems.

Load Conditions

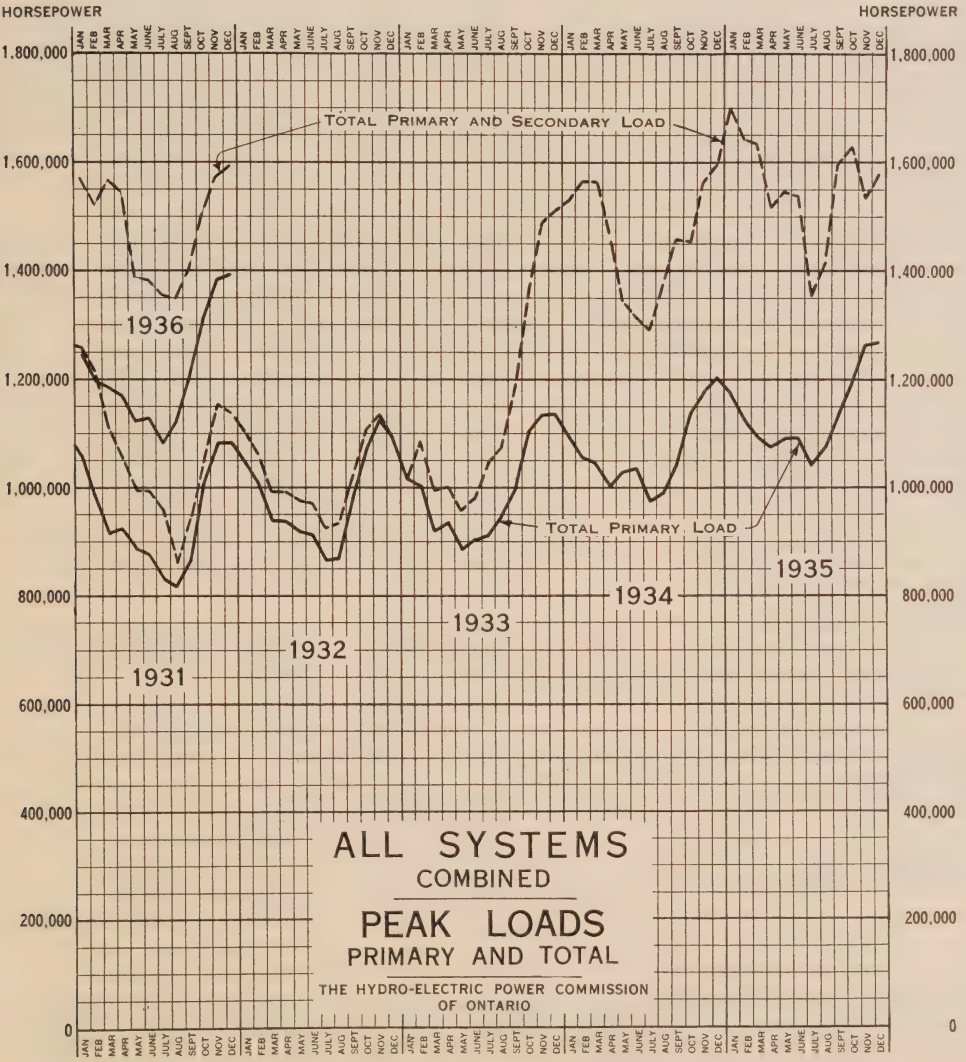
The total load on all systems, including both generated and purchased power, amounted to 6,996,578,453 kilowatt-hours, and is the largest load ever carried on the combined systems during any fiscal year. It is about 77,600,000 kilowatt-hours in excess of last year's load, which was the maximum up to that time. The yearly peak (i.e., the sum of the peak loads of all systems) was 1,618,113 horsepower. This is a decrease from the previous year of 6.4 per cent, due to a reduction in the amount of secondary power sold.

The primary load on all systems, which has the greatest significance in relation to revenue and general industrial conditions, amounted to 5,395,304,303 kilowatt-hours, an increase of about 423,000,000 kilowatt-hours, or 8.5 per cent over the previous fiscal year. The peak load (i.e., the sum of all system primary peak loads) was 1,317,643 horsepower, an increase

of 93,000 horsepower or 7.6 per cent over the previous year. Both peak and energy exceeded the highest primary load ever previously carried.

While the increase in the primary load was gratifying as an indication of improved industrial conditions, the gain was not uniform on all systems. The greatest gains were made in the Abitibi district, and in the Thunder Bay and Eastern Ontario systems. The average primary load on the Abitibi district increased approximately 60 per cent and on the Thunder Bay system approximately 14 per cent. The Eastern Ontario system showed a gain of almost 12 per cent. These gains in primary load are large, exceeding the average of normal years.

On the Niagara system the records of power generated and purchased show an increase in the primary peak load of 35,000 horsepower and in



TOTAL POWER GENERATED

HYDRO-ELECTRIC GENERATING PLANTS

| Generating plants | Maximum normal plant capacity Oct. 31, 1936 horsepower | Peak load during fiscal year | | Total output during fiscal year | |
|---|--|------------------------------|------------------------|---------------------------------|---------------------------|
| | | 1934-35 horse-power | 1935-36 horse-power | 1934-35 kilowatt-hours | 1935-36 kilowatt-hours |
| Niagara system | | | | | |
| Queenston-Chippawa—Niagara river..... | 500,000 | 461,126 | 520,107 | 1,974,047,000 | 2,636,296,000 |
| "Ontario Power"—Niagara river..... | 180,000 | 174,933 | 176,273 | 758,356,000 | 798,141,000 |
| "Toronto Power"—Niagara river..... | 150,000 | 136,729 | 145,442 | 101,713,000 | 239,906,000 |
| Chats Falls (Ontario half)—Ottawa river.. | 115,000 | 96,515 | 116,622 | 298,333,450 | 391,033,500 |
| DeCew Falls—Welland canal..... | 50,000 | 45,845 | 45,845 | 118,476,000 | 118,363,500 |
| Steam Plant—Hamilton..... | 24,000 | | | —3,071,700 | —3,429,600 |
| Georgian Bay system | | | | | |
| South Falls—South Muskoka river..... | 5,600 | 5,630 | 5,764 | 25,496,160 | 24,818,640 |
| Hanna Chute—South Muskoka river..... | 1,600 | 1,609 | 1,743 | 7,250,400 | 7,708,800 |
| Trethewey Falls—South Muskoka river.... | 2,300 | 2,145 | 2,145 | 9,756,000 | 10,915,200 |
| Bala No. 1 and 2—Muskoka river..... | 600 | 597 | 597 | 2,340,760 | 2,456,776 |
| Big Chute—Severn river..... | 5,800 | 5,737 | 5,657 | 21,468,960 | 18,686,400 |
| Wasdells Falls—Severn river..... | 1,200 | 1,099 | 1,206 | 3,684,900 | 3,338,420 |
| Eugenia Falls—Beaver river..... | 7,800 | 7,399 | 7,641 | 9,640,800 | 13,133,800 |
| Hanover—Saugeen river..... | 400 | 429 | 435 | 804,960 | 548,304 |
| Walkerton—Saugeen river..... | 500 | 476 | 489 | 1,862,200 | 1,955,200 |
| Southampton—Saugeen river..... | 300 | 0 | 0 | 0 | 0 |
| Eastern Ontario system | | | | | |
| Sidney—Dam No. 2—Trent river..... | 4,500 | 4,960 | 4,960 | 19,919,100 | 19,205,100 |
| Frankford—Dam No. 5—Trent river..... | 3,500 | 3,780 | 3,820 | 11,252,150 | 15,724,850 |
| Meyersburg—Dam No. 8—Trent river..... | 7,000 | 7,936 | 8,043 | 31,736,760 | 34,628,590 |
| Hague's Reach—Dam No. 9—Trent river | 4,500 | 4,893 | 4,960 | 20,008,740 | 20,543,260 |
| Ranney Falls—Dam No. 10—Trent river | 10,500 | 11,260 | 11,528 | 45,255,960 | 49,349,880 |
| Seymour—Dam No. 11—Trent river..... | 4,200 | 4,424 | 4,558 | 17,916,720 | 17,628,480 |
| Heely Falls—Dam No. 14—Trent river..... | 15,300 | 16,220 | 16,086 | 49,968,200 | 55,215,580 |
| Auburn—Dam No. 18—Otonabee river.... | 2,400 | 2,587 | 2,547 | 11,100,090 | 10,792,840 |
| Fenelon Falls—Dam 30—Sturgeon river.. | 1,000 | 938 | 1,046 | 1,845,800 | 2,598,850 |
| High Falls—Mississippi river..... | 3,000 | 3,318 | 3,251 | 6,359,520 | 10,910,520 |
| Carleton Place—Mississippi river..... | 400 | 469 | 536 | 80,208 | 336,488 |
| Calabogie—Madawaska river..... | 5,400 | 5,362 | 5,496 | 5,835,829 | 18,659,370 |
| Galetta—Mississippi river..... | 1,100 | 965 | 1,193 | 102,900 | 736,054 |
| Thunder Bay system | | | | | |
| Cameron Falls—Nipigon river..... | 73,500 | 73,994 | 75,067 | 300,348,000 | 348,615,000 |
| Alexander—Nipigon river..... | 50,000 | 52,547 | 52,413 | 239,030,400 | 258,036,000 |
| Northern Ontario properties | | | | | |
| Nipissing district | | | | | |
| Nipissing—South river..... | 2,100 | 2,205 | 2,198 | 5,550,880 | 6,770,000 |
| Bingham Chute—South river..... | 1,200 | 1,314 | 1,330 | 3,286,400 | 3,597,440 |
| Elliott Chute—South river..... | 1,700 | 1,903 | 1,964 | 3,826,400 | 3,036,400 |
| Sudbury district | | | | | |
| Coniston—Wanapitei river..... | 5,900 | 5,496 | 5,764 | 22,570,176 | 25,800,864 |
| McVittie—Wanapitei river..... | 3,100 | 2,815 | 3,217 | 16,508,784 | 14,074,752 |
| Stinson—Wanapitei river..... | 7,500 | 6,836 | 7,239 | 20,645,448 | 21,686,304 |
| Patricia district | | | | | |
| Ear Falls—English river..... | 4,000 | 3,512 | 4,182 | 16,032,000 | 19,060,600 |
| Abitibi district | | | | | |
| Abitibi Canyon—Abitibi river..... | 165,000 | 103,485 | 146,783 | 378,646,450 | 604,215,880 |
| St. Joseph district | | | | | |
| Rat Rapids—Albany river..... | 3,000 | 1,314 | 1,702 | 3,085,560 | 7,287,720 |
| Total generated..... | 1,424,900 | * | * | 4,561,071,365 | 5,832,382,762 |

*Because the peak loads on the various generating plants and purchased power sources usually occur at different times, the sum of the individual peak loads would not represent the sum of the peak loads on the systems. These, in the case of each system, must relate to the maximum load occurring at any one time. Consequently, the column headed "Peak load" is not totalled.

AND PURCHASED—ALL SYSTEMS

POWER PURCHASED

| Power source | Contract amount horsepower Oct. 31, 1936 | Total purchased | |
|---|--|---------------------------|---------------------------|
| | | 1934-35 kilowatt-hours | 1935-36 kilowatt-hours |
| Canadian Niagara Power Co..... | 20,000 | 77,834,300 | 108,304,000 |
| Gatineau Power Co.—25-cycle..... | 100,000 | 1,183,389,342 | 644,862,800 |
| Ottawa Valley Power Co..... | | 298,333,450 | 0 |
| Beauharnois Light, Heat & Power Co..... | | 409,220,000 | 0 |
| MacLaren Quebec Power Co..... | 40,000 | 128,657,000 | 146,177,000 |
| Campbellford Water & Light Commission*..... | | 0 | 562,300 |
| Fenelon Falls Light, Heat & Power Commission†..... | | 0 | 9,600 |
| M. F. Beach Estate..... | 500 | 1,049,200 | 1,338,800 |
| Rideau Power Co..... | 487 | 2,760,700 | 2,903,000 |
| Ottawa & Hull Power & Mfg. Co..... | 20,000 | 63,033,400 | 62,256,600 |
| Gatineau Power Co.—60-cycle..... | 42,000 | 190,684,458 | 189,310,000 |
| Orillia Water, Light & Power Commission*..... | | 0 | 2,427,970 |
| Manitoulin Pulp Co..... | 150 | 222,300 | 280,200 |
| Abitibi Power & Paper Co.—Espanola..... | | 2,711,580 | 3,141,781‡ |
| Kaministiquia Power Co..... | | 0 | 2,621,640¶ |
| Total purchased..... | 223,137 | 2,357,895,730 | 1,164,195,691 |
| | | | |
| Power purchased, contract amount, 1936..... | 223,137 horsepower | | |
| Maximum normal plant capacity, 1936..... | 1,424,900 | | " |
| | | | |
| Total available capacity generated and purchased, 1936... | 1,648,037 | | " |
| Total available capacity generated and purchased, 1935... | 1,957,684 | | " |
| | | | |
| Difference(decrease)..... | 309,647 | | " |
| Total energy purchased, 1936..... | 1,164,195,691 kilowatt-hours | | |
| Total energy generated, 1936..... | 5,832,382,762 | | " " |
| | | | |
| Total energy generated and purchased, 1936..... | 6,996,578,453 | | " " |
| Total energy generated and purchased, 1935..... | 6,918,967,095 | | " " |
| | | | |
| Difference (increase)..... | 77,611,358 | | " " |

*Reciprocal arrangement for surplus power.

†Emergency use.

‡Includes 2,215,975 kilowatt-hours in 1936 for emergency use in the Sudbury district.

¶Purchased on kilowatt-hour basis.

CAUTION: The figures for "Maximum normal plant capacity" reflect the capacity of the various plants under the most favourable operating conditions which can reasonably be considered as normal, taking into consideration turbine capacity as well as generator capacity, and also the net operating head and available water supply.

Owing, among other things, to changes in generating equipment due to wear and tear or the replacement of parts, also to changes in limitations governing water levels and effective net heads, the maximum normal plant capacity is not a fixed quantity but is one which must be revised from time to time.

It is particularly important to bear in mind that the column headed "Maximum normal plant capacity" cannot be taken as an indication of the dependable capacity of the various plants: in some cases, it is, but in many cases it is not. Chief among the factors which govern the maximum dependable capacity of a hydraulic power plant and which are not reflected in column headed "Maximum normal plant capacity" are abnormal variations in water supply and operating limitations encountered when plants are so situated on a given stream as to be affected by one another.

primary energy of more than 203,000,000 kilowatt-hours. These figures relate to the primary load, but if they are to be used as an indication of revenue or of industrial conditions in the territory, allowance should be made for certain changes in transmission losses which occurred at the end of 1935. Transmission losses are included in the records of power generated and purchased, and therefore any changes in the losses affect the totals. For example, a decrease in transmission losses might partly offset an actual increase in power consumption at points of delivery, causing less increase in the load at the generating stations than would have occurred had the losses remained at their previous level. This condition existed on the Niagara system in 1936. The reduction, in October, 1935, in the amount of power purchased from the Quebec power companies resulted in a marked decrease in transmission losses during 1936 as compared with 1935. Due to a number of variables, it is difficult to give an accurate figure as to the amount of these losses. Based on conservative estimates, the true increase in the primary power consumption on the Niagara system for the fiscal year 1936 may be taken as approximating 60,000 horsepower. The increase in consumption appears to have been fairly general in all parts of the system, as indicated by the loads of the various municipalities. However, even after making allowances for the reduced transmission losses in 1936, the rate of gain for the primary load on the Niagara system is not yet equal to the gains established as normal over a long period of years prior to the depression.

On the Georgian Bay system the average primary load showed a gain of 6 per cent, which approximates the gain in normal years. The increase in peak load amounted to 2.6 per cent. Both peak load and average load are the highest ever carried on the system.

Details regarding the amount of power generated and purchased and the loads of each system are given in the following sections of this report and in the load graphs shown in connection with each system.

Forestry Division

The Forestry division continued regular transmission line clearing operations to protect the Commission's lines and service from tree interference. Some work was done on generating and transformer station grounds, trees and shrubs being planted and existing trees pruned and, where necessary, tree surgery performed. Reforestation was carried out on non-revenue producing lands in the Niagara, Georgian Bay and Eastern Ontario systems.

In addition to the above the Forestry division was employed by an increasing number of municipal Hydro systems to perform line-clearing operations for the protection of local distribution lines. It is gratifying to note a growing appreciation of the work performed by the Commission's Forestry staff as indicated by the number of municipal Hydro systems authorizing repeat operations.

A further description of the work with details pertaining to the cost will be found in the following paragraphs.

Transmission Line Clearing Operations

This year's operations involved treatment of 53,181 trees and 384 pole spans of underbrush, spread over approximately 2,024 miles of power transmission and telephone line. The cost, including all expenditures for labor,

material, truck expense and Forestry overhead applicable to this work is shown in the following table:

LINE CLEARING OPERATIONS

| Description of work | Miles of line cleared | Volume of work performed | Total cost | Average cost |
|-------------------------------------|-----------------------|--------------------------|------------|---------------------|
| Underbrushing..... | 10 | 384 pole spans | \$ 2,653 | \$ c. 6.90 per span |
| Tree removals..... | | 4,127 trees | 10,317 | 2.50 per tree |
| Line clearance, pruning and cabling | 2,013 | 49,054 trees | 48,409 | 0.98 " " |



A SPECIMEN BEECH TREE

Many such trees, unmolested by human hands, add to the scenic beauty of Ontario

The work performed includes pruning to secure the required clearance, a reasonable amount of shaping to improve the appearance of trees and aesthetic conditions along the roads and highways, cabling trees with structurally weak or splitting crotches, and a systematic diagnosis of all trees along the lines to discover and remove those that were diseased and a menace to life, service and property.

A comparison of this year's report with that of last year shows a reduction in the number of miles of line cleared and the number of trees treated, and an increase in the average cost per tree. This is partly due to a reduction in working time, resulting from the adoption of a 48-hour week in place of a 55-hour week, and the granting of statutory holidays and two weeks vacation to all regular employees. Part of the increase is due to the exceptional amount of work required to provide adequate clearance for lines in the Dominion Power and Transmission district, where line clearing had not been undertaken previously.

In addition to the regular line-clearing work, the Forestry squad operating in the Eastern Ontario system was called out on three different occasions to assist in emergencies and repair important lines damaged by sleet and wind storms.

Rural Lines

Preparatory to undertaking tree-trimming operations along rural lines situated on or near the King's highways, the Forestry division made a complete survey of the trees affecting rural lines, taking an actual count and record of their condition. The survey showed a total of 97,000 trees spread over approximately 1,577 miles of rural line, an average density of 61 trees per mile. About 76,000 of these trees present a potential hazard to rural service at the present time. The remaining 21,000 trees were planted during recent years and are still small.

Reforestation

Reforestation operations undertaken involved the planting of approximately 140,000 coniferous and deciduous trees on vacant lands owned by the Commission. Pheasant island in the Eugenia reservoir on the Georgian Bay system constituted one area, Chippawa-Queenston canal on the Niagara system another area, and the third area was in the vicinity of Sidney generating station at Trenton on the Eastern Ontario system.

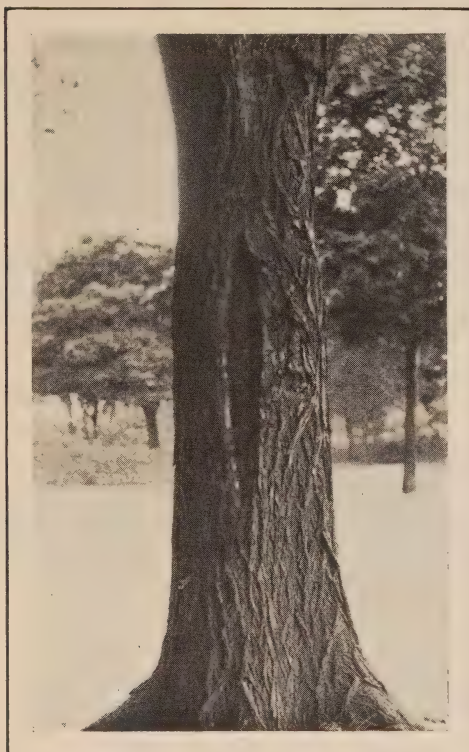
Work for Municipal Hydro Systems

Surveys of trees affecting local distribution lines owned by municipal Hydro systems were made in 16 municipalities.

Line clearing operations were performed for Agincourt, Aurora, Baden, Brampton, Burlington, Hamilton, Hensall, St. Jacobs, Wellesley and Woodstock on the Niagara system; for Markdale on the Georgian Bay system and for Lanark, Peterborough and Westport on the Eastern Ontario system. The operation for Woodstock included the training of two linemen and two employees of the local Parks department, and one lineman was trained during the Brampton operation. This work involved treatment of 3,235 trees spread over approximately 44 miles of distribution line. The cost amounted to \$3,364, an average cost of approximately \$1.04 per tree. Details pertaining to expenditures and work done on each of the three systems are shown on the following tabulation:

FORESTRY WORK FOR HYDRO MUNICIPALITIES

| System | Number of municipalities | Number of men trained | Number of trees | | | | Total cost | Average cost per tree |
|----------------------|--------------------------|-----------------------|-----------------|---------|--------|-------|-------------------|-----------------------|
| | | | Cabled | Removed | Pruned | Total | | |
| Niagara..... | 10 | 5 | 37 | 29 | 1,887 | 1,916 | \$ c. 2,250.85 | \$ c. 1.12 |
| Georgian Bay..... | 1 | | 12 | 2 | 408 | 410 | 359.65 | 0.88 |
| Eastern Ontario..... | 3 | | 6 | 13 | 896 | 909 | 753.76 | 0.83 |
| Totals..... | 14 | 5 | 55 | 44 | 3,191 | 3,235 | 3,364.26 | 1.04 |



PRESERVATION OF TREES BY
SURGERY

Surgery preserves a stately elm on the grounds of one of the Commission's important stations. Observe the perfect healing callous



DESTRUCTION OF TREES CAUSED
BY NEGLECT

Treatment in early life often prevents decay or defects which would make certain trees a menace to public utilities service and to the lives of travelling citizens

NIAGARA SYSTEM

Generating Stations—Queenston Station

All equipment was available when required for service throughout the year. The station output, however, was curtailed from January 24 to March 1, by amounts up to 70,000 horsepower, resulting from high water in the lower river caused by a severe ice jam extending from lake Ontario to the Niagara glen, a distance of about eight miles.

All generators and turbines were removed from service during the summer months for inspection and necessary maintenance as noted below:

| | |
|--------------------|------------------------------|
| Number 1 unit from | May 14 to May 20, |
| " 2 " " | May 4 to May 11, |
| " 3 " " | September 8 to September 22, |
| " 4 " " | May 26 to June 5, |
| " 5 " " | June 14 to June 23, |
| " 6 " " | June 25 to July 6, |
| " 7 " " | June 8 to July 7, |
| " 8 " " | August 4 to August 17, |
| " 9 " " | July 20 to July 30. |

Number 7 unit was completely dismantled to make necessary repairs to the turbine runner vanes which were damaged by debris carried into the unit with heavy ice. The equipment of all other units, including governors, draft tubes, Johnson valves, bearings, turbines, exciters and generators, were carefully inspected and repairs made where necessary. All generator windings were cleaned and varnished, and the turbine runners of units number 3, 4 and 8 were repaired by welding in situ.

Along with the foregoing work on the main units, all auxiliary equipment including transformers, reactors, oil circuit-breakers, disconnecting switches, busses, meters, relays, wiring and piping were carefully inspected and repairs or replacements made where necessary.

Minor repairs were made to the two station service units during the summer months.

A new direct-connected motor-driven gear-type oil pump was installed in the main oil supply system. Number one 220-volt control battery, placed in service in December, 1921, was replaced with a new 110-cell unit. New stands were made to store the steel tail-race gates at a higher elevation, in order to place them above the high water level reached during the ice blockade in the lower river this year.

An atomic hydrogen welding outfit was purchased and installed for repairs to bronze turbine runners from the Ontario Power and Toronto Power plants, all major welding work for the district being carried out at Queenston station.

A number of the concrete slabs over the tail-race gate openings, which were destroyed in the ice jam, were replaced. Plastered surfaces in the control room, control room offices and offices at the entrance building were repaired, and the rooms redecorated; the breaker and disconnect compartments, the tanks of the 110,000-volt potential transformers on the roof, and parts of the screen house and lower elevations of the power house were painted.

Ontario Power Station

The equipment operated satisfactorily during the year, although there were several failures of generator armature windings which did not cause any interruption to service.

All generators and turbines were removed from service during the summer months for inspection and necessary maintenance, as noted below:

| | | | |
|--------|----|-----------|-------------------------|
| Number | 1 | unit from | June 7 to June 11, |
| " | 2 | " " | May 18 to May 22, |
| " | 3 | " " | June 2 to June 7, |
| " | 4 | " " | July 3 to July 10, |
| " | 5 | " " | May 30 to June 2, |
| " | 6 | " " | May 26 to May 30, |
| " | 7 | " " | July 13 to July 20, |
| " | 8 | " " | July 21 to July 24, |
| " | 9 | " " | July 26 to July 30, |
| " | 10 | " " | August 25 to August 29, |
| " | 11 | " " | August 16 to August 20, |

| | | | | | | |
|--------|----|------|------|-----------|----|--------------|
| Number | 12 | unit | from | August 21 | to | August 25, |
| " | 13 | " | " | July 30 | to | August 10, |
| " | 14 | " | " | August 10 | to | August 15, |
| " | 15 | " | " | August 30 | to | September 4. |

During the above periods all machines were carefully inspected, generator windings were cleaned and varnished, and armature coils were tightened in units 8, 9 and 12. Eroded sections of turbines and draft tubes were built up by electric welding, gates and bushings were adjusted and bearings inspected; all associated equipment, including oil circuit-breakers, cables, meters and relays, was examined and repaired where necessary.

The cleaning of the vertical sections of the penstocks and application of a rust preventative was continued during the year. This work is about forty per cent complete.

The enlarging of the ice spillway on the outer forebay was completed on February 4. This change greatly reduced the accumulation of ice in the intake works during the past winter. The ice chute on the inner forebay was extended to the limit of the screen-house building. These changes will materially reduce the hazard of an ice blockade of the water conduits causing load reductions, and will eliminate the heavy blasting which was formerly required during heavy ice runs.

In order to facilitate delivery of power to the 110,000-volt Niagara system, reduce the hazard of equipment failures, and keep down maintenance costs on some of the older apparatus in the Ontario Power transformer station, cables from the generators have been permanently connected to circuits feeding direct to the bus in the Niagara transformer station. This work was in progress at the end of the year.

As a result of the transfer of all Welland load to the 46,000-volt system, the supply of 30,000-volt power from the Ontario Power transformer station to the Niagara district was discontinued on December 22, 1935. The transformers formerly used to feed this load were reconnected for 60,000-volt service.

A new storage battery, replacing an old unit, was installed during the year. This battery is for emergency operation of the control bus in the generating and transformer stations.

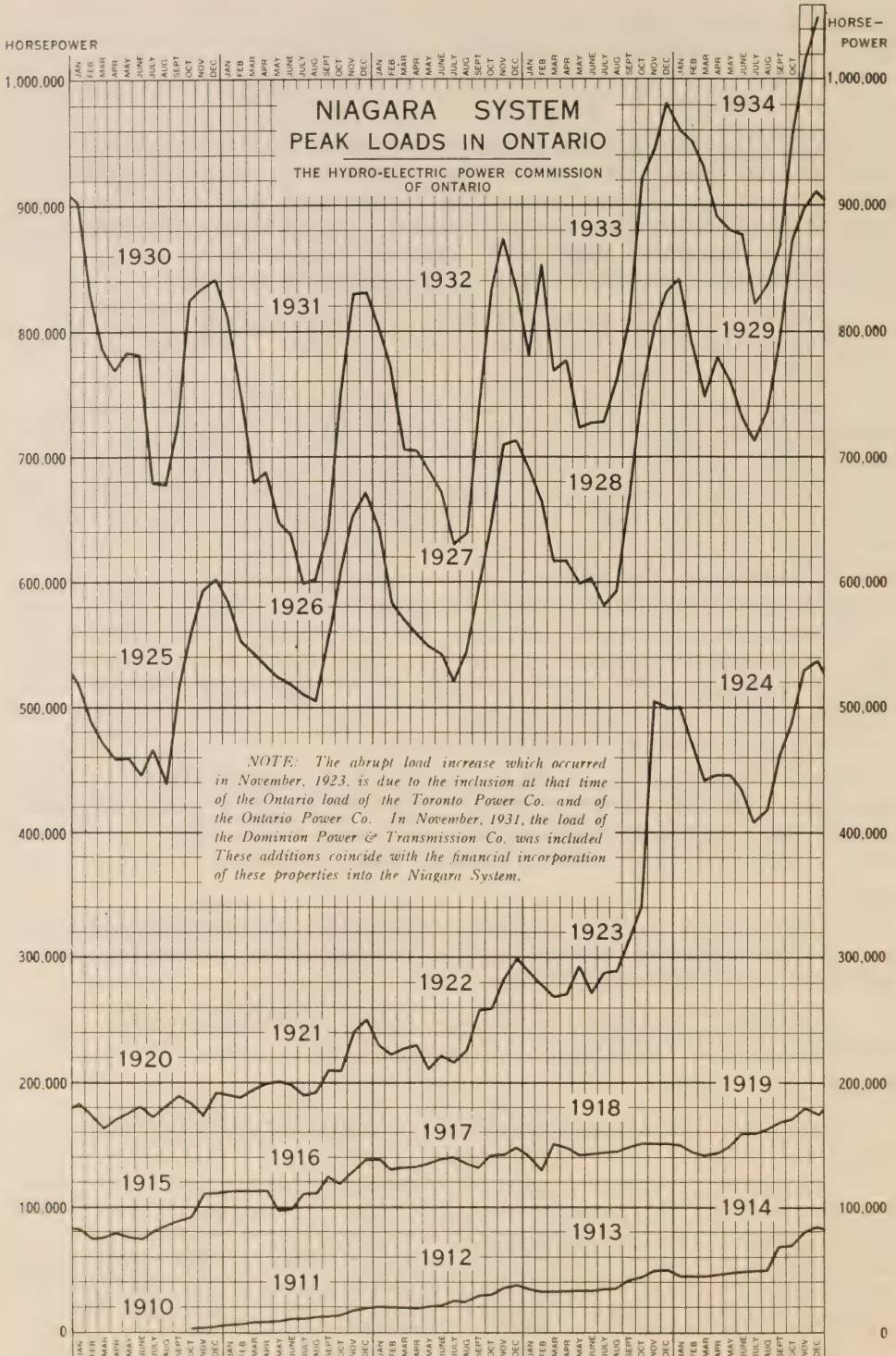
All necessary maintenance was carried out on buildings, roads, station grounds and service equipment.

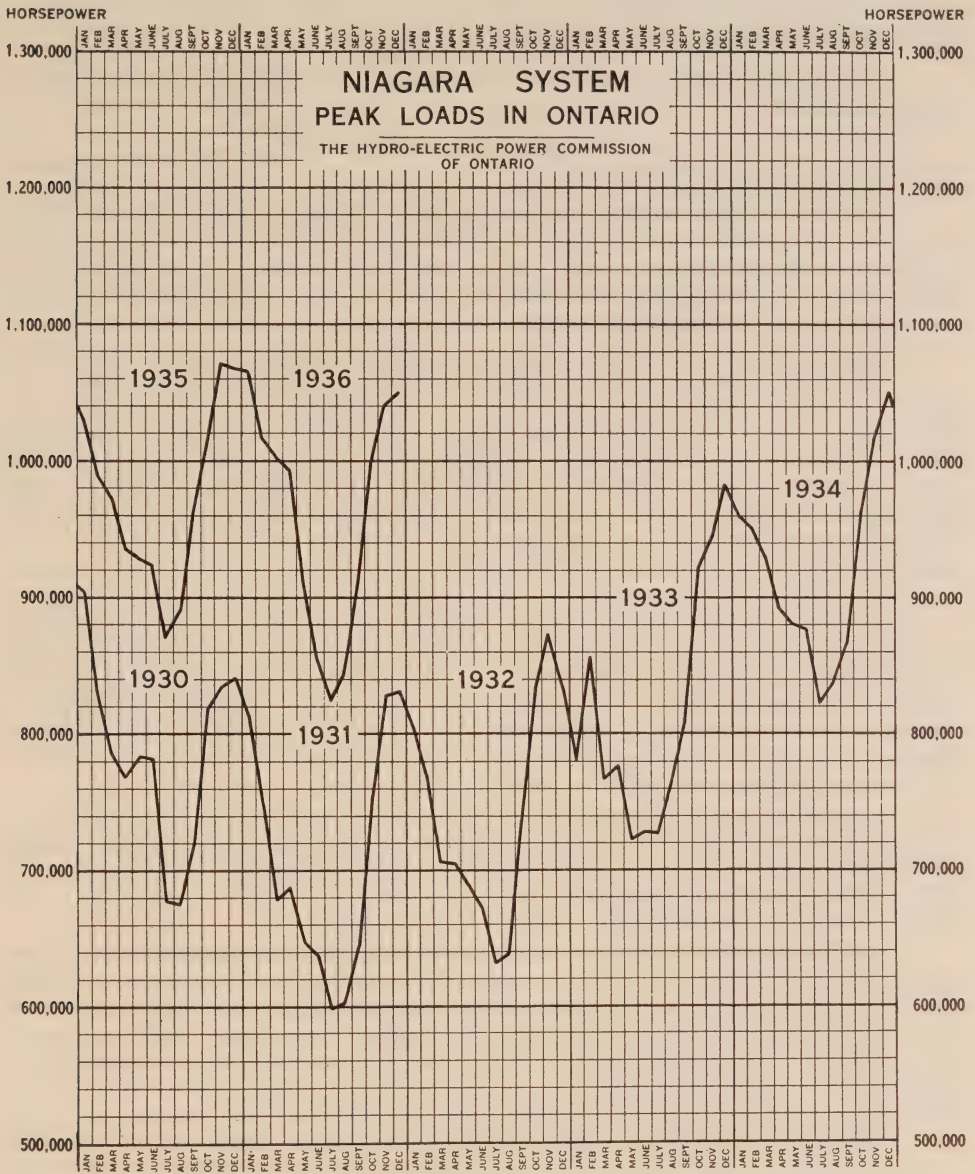
Toronto Power Station

The station was available for all power demands made on it during the year.

The regular schedule of inspection and repair was followed during the summer months. Units number 9 and 10 were completely dismantled and given a complete overhaul, runners and distributors were built up by electric welding where erosion had occurred, bearings were relined and refitted and generator windings were cleaned and varnished. This was the first complete overhaul made on number 9 unit since it was installed in 1907.

The windings on generators 2, 3, 4, 5 and 11 were cleaned and varnished. New lignum vitae bearings were installed on all lower turbine bearings





NOTE: This diagram is a continuation of that on facing page

except number 7 machine. New brass bearing sleeves were installed on the main shaft of units number 1, 6, 8, 9, 10 and 11.

On Sunday, June 21, 1936, all load was transferred to other plants in order to make an inspection of the tail-race tunnel. This was found in good condition, with no further indication of breaks resulting from the pressure of the side walls.

Two new 12,000-volt cables were installed in the transformer station, terminating in a new out-door structure at the south end of the building, to provide additional capacity for local circuits.

All buildings and minor equipment were inspected and maintained in good condition.

Chats Falls Station—Ottawa River

The four generating units with auxiliary equipment were available for operation to capacity as and when required during the year, using one half of the available river flow. No power was taken from the machines owned by the Ottawa Valley Power Company, the water available for these units being discharged through the dam.

Bare sections on the earth portion of the dam were seeded with alfalfa with gratifying results. Rock rip-rap was replenished in places where pot holes had been created by wave action. A quantity of waterlogged pulp-wood timber was removed from in front of the trash rocks by a new grab hook, operated from the gantry crane on the headworks. All sluices and hatches on the headworks were treated with creosote for preservation. The plank deck on two railway bridges was reconstructed for pedestrian traffic only, using salvaged material.

While there was deficiency in the amount of water in storage in the fall of 1935, there was a greater general precipitation in the drainage area during the fall which maintained the normal winter flow. The minimum river flow of approximately 18,700 c.f.s. occurred during the week ending September 6, while the maximum of approximately 172,200 c.f.s. occurred on May 15, during the spring run-off. This is the highest 24-hour flow since the plant commenced operating.

Details of construction work on the building extension for the 45,000-kv-a frequency-changer set were carried out. The Browning locomotive crane and number 2 power-house crane, used on the construction work in 1935, were completely overhauled.

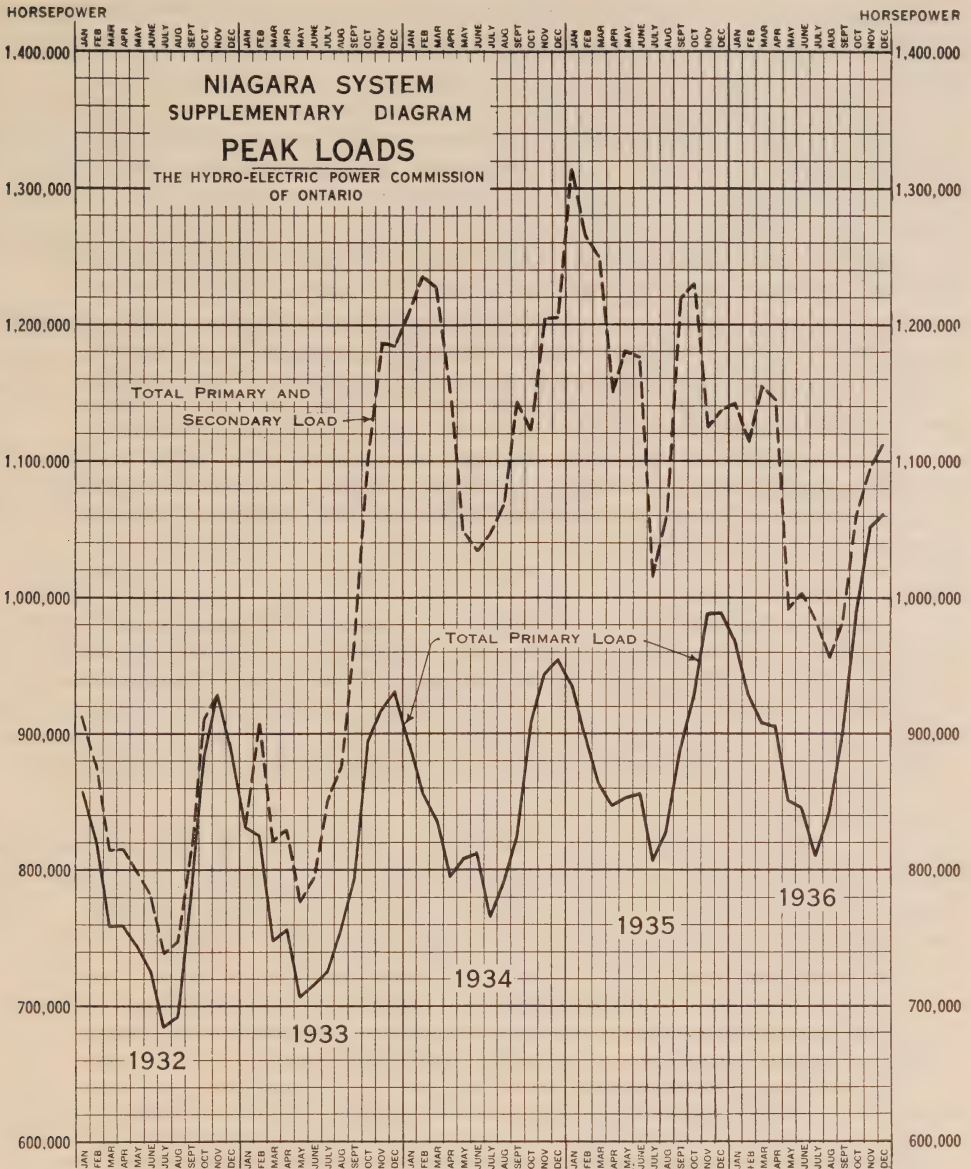
The frequency-changer set was used during the summer to supply power to the Eastern Ontario system, to make up for the loss in generating capacity on the latter system due to lack of precipitation and low river flow during the months of July, August and September. To effect this transfer of energy, one of the 220,000-volt circuits between Chats Falls and Toronto was used to connect to the Eastern Ontario system lines.

The eight additional houses which were under construction last year were completed, and occupied by employees who were living in temporary construction buildings located on Victoria Island. All temporary housing accommodation was dismantled.

Routine inspection and general maintenance was carried out on all equipment, buildings and structures during the year.

DeCew Falls Station

The DeCew Falls station, supplying the 66-2/3-cycle Dominion Power section of the Niagara system, gave satisfactory service during the year, although there was one interruption of 17 minutes to all service, with an



SUPPLEMENTARY DIAGRAM—NIAGARA SYSTEM PEAK LOADS

Notes

TOTAL PRIMARY LOAD: Primary power is power which the Commission is under contractual obligation to supply and for which it is obligated to hold in reserve adequate capacity. The graph above includes only the actual delivery of such power, and does not include the amount by which the primary power contracts exceed actual deliveries

TOTAL PRIMARY AND SECONDARY LOAD: Includes, in addition to the primary load, at-will power which the Commission is under no obligation to hold in reserve. Such power has been sold in Ontario and exported to Quebec and the United States. The above graph includes all secondary power and therefore differs from the graphs on pages 18 and 19 which show only the load in Canada

additional 6 minutes to the 44,000-volt system, as a result of the improper functioning of one of the generators supplying the excitation system of the plant.

Main generating unit number 0 was out of service from August 5 to September 9 for inspection and overhaul. During this period the turbine was dismantled, new seal rings and gates installed, stuffing box glands on main shaft repaired and repacked, the governor overhauled and other miscellaneous work carried out. Number 1 unit was out of service from May 23 to June 8. Seal rings were replaced in the turbine, the thrust bearing overhauled, governor repaired and the generator cleaned and varnished.

Mechanical and electrical maintenance was carried out as required in the plant, necessary repairs made to bridges, crushed stone placed on roadways, and stone rip-rap placed at various points on the banks and shore line at the headworks and supply weir.

The 9,000-kv-a frequency-changer set, located at Niagara Falls and supplying power to this system, operated as a base load unit throughout the year, the power for this set being supplied from the Toronto Power generating station.

Hamilton Steam Plant

The steam power station at Hamilton was operated as a standby reserve during the year, with one of the two 10,000-kv-a machines available for power service. The generator of the second machine was operated as a synchronous condenser floating on the Hamilton section of the system. The boiler plant was also used for the generation of steam for commercial purposes. All equipment was regularly maintained and repaired as required.

Transmission

The 220,000-volt transmission lines were operated in parallel with one section of the 110,000-volt system and gave satisfactory service, no difficulties being experienced in connection with their operation or maintenance. There were no interruptions to service, although there were a number of outages on individual circuits caused by lightning and sleet.

The lines were regularly patrolled, and all brush under and in the immediate vicinity of the circuits, covering some 5,400 acres, was cut. Patrol roads were extended about six miles during the year.

The 110,000-volt transmission circuits were operated during the year as two independent groups supplying power to different sections of the system. No trouble was experienced in operation, although there were two short interruptions to service on one group.

All lines were regularly patrolled and insulators on 377 miles of line were inspected and tested. The angle-iron footings on 986 McGuigan-type towers were inspected at the ground line and reinforced where necessary.

The 60,000-volt power supply to Welland transformer station was discontinued on December 22, 1935, after changes were made to supply all power in this district from the 46,000-volt system.

The operating telephone lines were maintained in good condition, 26 miles being given a general overhaul, and some 13 miles rebuilt by the Operating department.

No difficulties were experienced in the operation of the Dominion Power transmission lines. As a result of the installation in 1935 of high-speed relays on the 44,000-volt circuits, there were only three line outages, totalling ten minutes, affecting Hamilton, Brantford and Oakville.

Regular patrol and maintenance was carried out. 17,041 insulators were inspected and 431 defective units replaced. Eighteen transpositions were placed in the 44,000-volt circuits to reduce interference with paralleling communication systems. 880 poles were uncovered at the ground line, cleaned and equipped with the sand-creosote collar, 192 were straightened and 31 towers cleaned and painted.

Transformation

The operation of the 220,000/110,000-13,200-volt Leaside transformer station continued without difficulty through the year. The equipment was regularly inspected and maintained.

All equipment in the 110,000-volt stations gave satisfactory service. There were no failures of high-voltage transformers during the year. Two 2,500-kv-a transformers at Woodstock, which were being rebuilt with modern bracing at the end of last year, were completed. The core bracing in twenty-two 5,000-kv-a and three 2,500-kv-a units was inspected and tightened. Number one 5,000-kv-a synchronous condenser at Toronto (Strachan Avenue) station failed in service on November 25, 1935. This machine has not been repaired. Number 2 unit was removed from service on January 15, 1936, as this equipment was not required under present operating conditions.

Transformer changes were made at Welland to enable this transformer station to be transferred from the 60,000-volt to the 46,000-volt system on December 22, 1935. This change made possible the elimination of power delivery at 12,000, 30,000 and 60,000 volts from Niagara Falls to this district, allowing some 58 miles of transmission circuits to be dismantled.

All outdoor oil circuit-breakers were given two inspections, and repaired where necessary; indoor breakers were inspected on a 12-month schedule. Lightning arresters were overhauled at Cooksville, Guelph and Chatham stations.

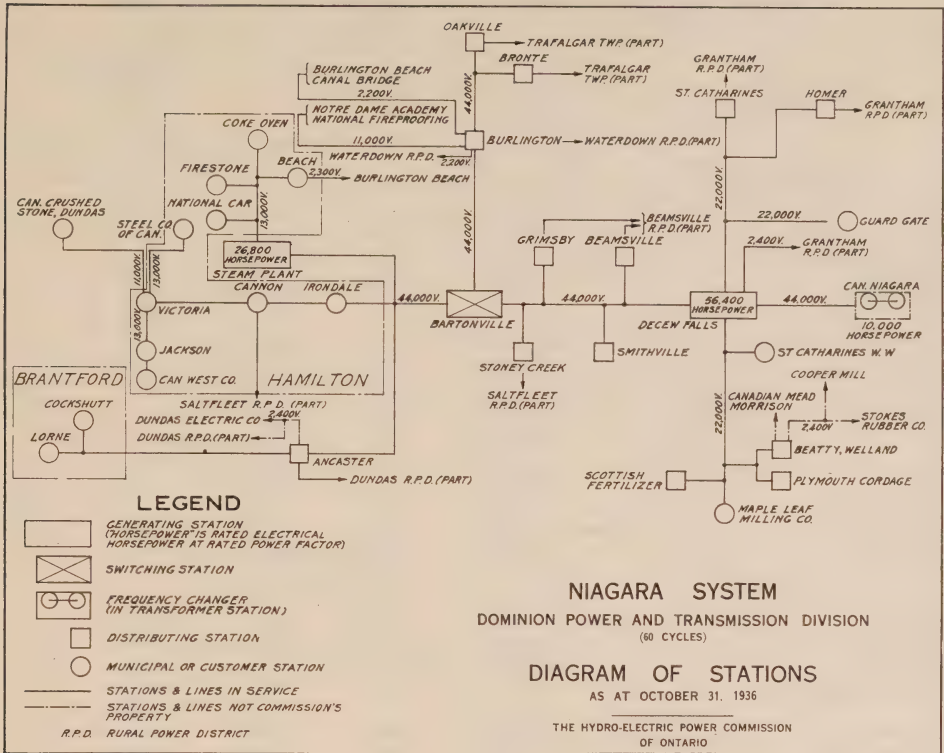
Equipment, buildings and grounds at all stations were properly maintained.

Distribution

New low-tension distributing stations were placed in service at Mannheim, Clarkson and Fruitland. Transformer capacity was increased at Oil Springs, Tillsonburg Rural, Port Stanley, St. Jacobs and Tavistock stations.

There were ten failures of low-tension transformers during the year; six of which were repaired by the field maintenance staff, and three by the manufacturers, with one in progress at the end of the year. All oil circuit-breakers were inspected, and repairs and readjustments made where necessary. Lightning arresters at Wallaceburg were overhauled.

No severe difficulties were encountered in the operation and maintenance of the low-tension lines, although sleet and wind storms caused some damage



to short sections in the Thorold, Stratford, St. Thomas, Chatham and Windsor districts.

Approximately 15 miles of double-circuit line located in the Chatham and Woodstock districts were overhauled and the ground wire removed. The ground wire was removed and pole-top pins were installed on 6.75 miles of single-circuit line in the Cooksville district. Some 45 miles of single-circuit line from Sebringville Junction to Harriston were being overhauled, ground wire removed and pole-top pins installed, with the work about half completed, at the end of the year.

All 25-cycle circuits in the St. Catharines, Welland and Port Colborne area were given a complete overhaul.

The 13,200-volt line between Islington and Georgetown, purchased from the Toronto Suburban Railway, was overhauled and connected to the system on February 26, 1936.

Railway and wire crossings were made standard in Brantford, St. Thomas, Sarnia and Cooksville districts, and numerous relocations of lines were carried out for highway improvements. Some 15,500 sand-cresote collars, for ground line preservation of poles, were installed.

A new 13,200-volt line to Mannheim distributing station was placed in service. The Clarkson station is supplied from Cooksville transformer station over an unused circuit carried on the Toronto Power steel tower line.

NIAGARA SYSTEM—LOADS OF MUNICIPALITIES—1934-35-36

| Municipality | Peak load in horsepower | | | Change in load 1935-36 | |
|-------------------------|-------------------------|-----------|-----------|---------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| Acton..... | 1,044.9 | 1,125.7 | 946.1 | 179.6 | |
| Agincourt..... | 128.0 | 147.4 | 150.1 | | 2.7 |
| Ailsa Craig..... | 77.3 | 89.8 | 88.9 | 0.9 | |
| Alvinston..... | 85.6 | 89.4 | 86.9 | 2.5 | |
| Amherstburg..... | 593.5 | 707.2 | 681.2 | 26.0 | |
| Ancaster Township..... | 250.6 | 282.7 | 299.2 | | 16.5 |
| Arkona..... | 46.9 | 48.2 | 46.3 | 1.9 | |
| Aurora..... | 981.2 | 1,016.0 | 1,186.3 | | 170.3 |
| Aylmer..... | 490.6 | 487.9 | 544.2 | | 56.3 |
| Ayr..... | 157.5 | 167.0 | 181.3 | | 14.3 |
| Baden..... | 250.2 | 268.2 | 267.1 | 1.1 | |
| Beachville..... | 376.6 | 395.4 | 418.2 | | 22.8 |
| Belle River..... | 126.5 | 127.3 | 150.1 | | 22.8 |
| Blenheim..... | 383.4 | 374.0 | 433.2 | | 59.2 |
| Blyth..... | 86.7 | 85.8 | 82.1 | 3.7 | |
| Bolton..... | 109.7 | 125.0 | 122.3 | 2.7 | |
| Bothwell..... | 99.4 | 109.3 | 107.2 | 2.1 | |
| Brampton..... | 1,991.1 | 2,168.8 | 2,326.6 | | 157.8 |
| Brantford..... | 13,212.6 | 14,023.8 | 13,446.5 | 577.3 | |
| Brantford Township..... | 602.3 | 594.9 | 603.9 | | 9.0 |
| Bridgeport..... | 118.8 | 105.9 | 138.1 | | 32.2 |
| Brigden..... | 72.5 | 66.7 | 74.0 | | 7.2 |
| Brussels..... | 107.9 | 103.2 | 143.4 | | 40.2 |
| Burford..... | 131.3 | 139.7 | 160.1 | | 20.4 |
| Burgessville..... | 30.5 | 31.5 | 35.5 | | 4.0 |
| Caledonia..... | 377.7 | 341.6 | 361.5 | | 19.9 |
| Campbellville..... | 26.2 | 26.8 | 27.6 | | 0.8 |
| Cayuga..... | 111.2 | 116.6 | 115.3 | 1.3 | |
| Chatham..... | 4,587.7 | 4,821.4 | 5,067.2 | | 245.8 |
| Chippawa..... | 258.4 | 258.1 | 279.1 | | 21.0 |
| Clifford..... | 61.9 | 64.0 | 69.5 | | 5.5 |
| Clinton..... | 394.7 | 395.4 | 443.1 | | 47.7 |
| Comber..... | 191.7 | 116.6 | 122.5 | | 5.9 |
| Cottam..... | 64.3 | 62.3 | 58.3 | | 4.0 |
| Courtright..... | 40.2 | 37.2 | 37.0 | 0.2 | |
| Dashwood..... | 37.9 | 61.9 | 77.3 | | 15.4 |
| Delaware..... | 39.9 | 43.1 | 43.1 | | |
| Dorchester..... | 76.1 | 103.1 | 91.8 | 11.3 | |
| Drayton..... | 91.1 | 92.1 | 113.0 | | 20.9 |
| Dresden..... | 288.9 | 289.9 | 308.3 | | 18.4 |
| Drumbo..... | 66.5 | 66.0 | 59.2 | 6.8 | |
| Dublin..... | 31.7 | 36.4 | 39.6 | | 3.2 |
| Dundas..... | 1,329.1 | 1,495.2 | 1,550.9 | | 55.7 |
| Dunnville..... | 853.3 | 930.3 | 963.0 | | 32.7 |
| Dutton..... | 209.2 | 206.1 | 232.1 | | 26.0 |
| Elmira..... | 544.2 | 680.9 | 700.5 | | 19.6 |
| Elora..... | 295.3 | 287.5 | 290.4 | | 2.9 |
| Embro..... | 88.2 | 86.0 | 107.2 | | 21.2 |
| Erieau..... | 62.7 | 67.0 | 58.3 | 8.7 | |
| Erie Beach..... | 11.9 | 8.0 | 12.6 | | 4.6 |

NIAGARA SYSTEM—LOADS OF MUNICIPALITIES, 1934-35-36—Continued

| Municipality | Peak load in horsepower | | | Change in load 1935-36 | |
|---------------------------------|-------------------------|-----------|-----------|---------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| Essex..... | 340.5 | 404.8 | 538.8 | | 134.0 |
| Etobicoke Township..... | 4,194.3 | 4,449.0 | 4,657.8 | | 208.8 |
| Exeter..... | 396.8 | 420.3 | 395.4 | 24.9 | |
| Fergus..... | 833.7 | 882.7 | 1,062.3 | | 179.6 |
| Fonthill..... | 138.1 | 145.5 | 130.7 | 14.8 | |
| Forest..... | 337.8 | 331.1 | 344.9 | | 13.8 |
| Galt..... | 5,615.8 | 5,988.5 | 6,409.7 | | 421.2 |
| Georgetown..... | 987.9 | 1,089.8 | 1,181.3 | | 91.5 |
| Glencoe..... | 164.9 | 166.7 | 198.0 | | 31.3 |
| Goderich..... | 938.3 | 947.3 | 1,027.2 | | 79.9 |
| Granton..... | 102.1 | 100.0 | 111.2 | | 11.2 |
| Guelph..... | 8,207.0 | 8,688.3 | 8,822.4 | | 134.1 |
| Hagersville..... | 810.2 | 521.5 | 894.0 | | 372.5 |
| Hamilton..... | 87,983.6 | 98,859.8 | 96,655.4 | 2,204.4 | |
| Harriston..... | 269.7 | 271.0 | 287.4 | | 16.4 |
| Harrow..... | 387.4 | 376.6 | 475.2 | | 98.6 |
| Hensall..... | 145.1 | 152.4 | 150.8 | 1.6 | |
| Hespeler..... | 1,713.8 | 1,901.4 | 1,890.6 | 10.8 | |
| Highgate..... | 90.3 | 64.3 | 73.8 | | 9.5 |
| Humberstone..... | 367.8 | 365.6 | 407.5 | | 41.9 |
| Ingersoll..... | 1,860.4 | 2,076.7 | 2,144.6 | | 67.9 |
| Jarvis..... | 158.7 | 148.5 | 183.6 | | 35.1 |
| Kingsville..... | 420.9 | 447.4 | 487.9 | | 40.5 |
| Kitchener..... | 16,469.5 | 16,976.5 | 18,000.6 | | 1,024.1 |
| Lambeth..... | 109.2 | 101.8 | 93.8 | 8.0 | |
| La Salle..... | 192.1 | 197.3 | 202.1 | | 4.8 |
| Leamington..... | 1,253.3 | 1,284.2 | 1,833.8 | | 549.6 |
| Listowel..... | 811.0 | 887.4 | 928.9 | | 41.5 |
| London..... | 30,281.0 | 31,876.0 | 32,373.0 | | 497.0 |
| London Township Voted Area..... | 410.6 | 449.8 | 460.4 | | 10.6 |
| Long Branch..... | 733.9 | 761.4 | 860.6 | | 99.2 |
| Lucan..... | 131.0 | 121.3 | 126.6 | | 5.3 |
| Lynden..... | 69.8 | 82.0 | 84.3 | | 2.3 |
| Markham..... | 236.2 | 233.9 | 274.8 | | 40.9 |
| Merlin..... | 74.0 | 75.0 | 67.0 | 8.0 | |
| Merritton..... | 3,140.4 | 3,368.3 | 4,698.6 | | 1,330.3 |
| Milton..... | 527.6 | 604.6 | 831.1 | | 226.5 |
| Milverton..... | 252.0 | 261.4 | 321.7 | | 60.3 |
| Mimico..... | 2,347.1 | 2,426.3 | 2,245.3 | 181.0 | |
| Mimico Asylum..... | 100.0 | 175.0 | 132.0 | 43.0 | |
| Mitchell..... | 411.5 | 415.5 | 430.0 | | 14.5 |
| Moorefield..... | 45.5 | 50.0 | 53.6 | | 3.6 |
| Mount Brydges..... | 93.8 | 97.5 | 90.4 | 7.1 | |
| Newbury..... | 41.5 | 48.5 | 43.0 | 5.5 | |
| New Hamburg..... | 393.8 | 395.4 | 478.6 | | 83.2 |
| Newmarket..... | 1,273.4 | 1,300.2 | 1,555.0 | | 254.8 |
| New Toronto..... | 5,565.7 | 5,942.3 | 5,884.7 | 57.6 | |
| Niagara Falls..... | 8,665.9 | 9,241.3 | 9,113.9 | 127.4 | |
| Niagara-on-the-Lake..... | 559.0 | 506.0 | 570.2 | | 64.2 |
| Norwich..... | 304.9 | 358.6 | 350.5 | 8.1 | |

NIAGARA SYSTEM—LOADS OF MUNICIPALITIES, 1934-35-36—Continued

| Municipality | Peak load in horsepower | | | Change in load 1935-36 | |
|-----------------------------------|-------------------------|-----------|-----------|---------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| Oil Springs..... | 179.8 | 188.4 | 211.2 | | 22.8 |
| Ontario Agricultural College..... | 485.2 | 477.2 | 367.3 | 109.9 | |
| Ontario Central Reformatory..... | 256.7 | 247.4 | 285.0 | | 37.6 |
| Otterville..... | 92.9 | 91.6 | 110.4 | | 18.8 |
| Palmerston..... | 396.0 | 420.3 | 408.0 | 12.3 | |
| Paris..... | 1,132.8 | 1,262.2 | 1,157.4 | 104.8 | |
| Parkhill..... | 128.9 | 128.9 | 150.1 | | 21.2 |
| Petrolia..... | 677.8 | 714.3 | 812.2 | | 97.9 |
| Plattsville..... | 52.2 | 55.3 | 55.0 | 0.3 | |
| Point Edward..... | 467.8 | 1,060.3 | 975.8 | 84.5 | |
| Port Colborne..... | 1,422.2 | 1,405.9 | 1,604.0 | | 198.1 |
| Port Credit..... | 688.5 | 658.2 | 693.0 | | 34.8 |
| Port Dalhousie..... | 502.7 | 523.8 | 619.3 | | 95.5 |
| Port Dover..... | 297.8 | 321.6 | 348.2 | | 26.6 |
| Port Rowan..... | 64.3 | 63.0 | 65.1 | | 2.1 |
| Port Stanley..... | 240.1 | 215.9 | 254.8 | | 38.9 |
| Preston..... | 2,341.4 | 2,577.0 | 2,624.6 | | 47.6 |
| Princeton..... | 85.9 | 95.4 | 100.8 | | 5.4 |
| Queenston..... | 112.8 | 103.6 | 103.2 | 0.4 | |
| Richmond Hill..... | 304.3 | 340.5 | 360.3 | | 19.8 |
| Ridgetown..... | 397.7 | 467.8 | 479.2 | | 11.4 |
| Riverside..... | 1,073.0 | 911.8 | 958.7 | | 16.9 |
| Rockwood..... | 92.5 | 91.1 | 99.7 | | 8.6 |
| Rodney..... | 121.9 | 123.2 | 122.6 | 0.6 | |
| St. Catharines..... | 8,852.4 | 10,270.3 | 10,413.4 | | 143.1 |
| St. Clair Beach..... | 57.6 | 71.4 | 79.0 | | 7.6 |
| St. George..... | 138.8 | 164.3 | 159.5 | 4.8 | |
| St. Jacobs..... | 146.9 | 274.8 | 256.0 | 18.8 | |
| St. Marys..... | 1,259.2 | 1,314.1 | 1,280.6 | 33.5 | |
| St. Thomas..... | 5,986.5 | 6,246.6 | 7,079.0 | | 832.4 |
| Sarnia..... | 7,397.9 | 7,558.9 | 7,666.2 | | 107.3 |
| Scarboro Township..... | 3,099.2 | 3,281.5 | 3,357.9 | | 76.4 |
| Seaforth..... | 485.7 | 518.7 | 508.5 | 10.2 | |
| Simcoe..... | 1,705.2 | 1,675.7 | 1,977.2 | | 301.5 |
| Springfield..... | 60.0 | 85.7 | 62.0 | 23.7 | |
| Stamford Township..... | 1,913.0 | 1,966.2 | 2,059.8 | | 93.6 |
| Stouffville..... | 183.3 | 196.8 | 221.1 | | 24.3 |
| Stratford..... | 6,562.9 | 6,436.0 | 6,904.8 | | 468.8 |
| Strathroy..... | 920.9 | 971.8 | 1,155.5 | | 183.7 |
| Streetsville..... | | 99.8 | 112.6 | | 12.8 |
| Sutton..... | 147.8 | 151.8 | 192.0 | | 40.2 |
| Tavistock..... | 444.5 | 471.8 | 483.1 | | 11.3 |
| Tecumseh..... | 290.0 | 371.0 | 289.8 | 81.2 | |
| Thamesford..... | 176.2 | 155.0 | 160.2 | | 5.2 |
| Thamesville..... | 165.7 | 188.4 | 193.5 | | 5.1 |
| Thedford..... | 143.0 | 135.1 | 110.5 | 25.5 | |
| Thorndale..... | 37.8 | 42.0 | 37.4 | 4.6 | |
| Thorold..... | 1,782.1 | 1,958.6 | 2,221.3 | | 262.7 |
| Tilbury..... | 331.1 | 558.9 | 516.0 | 42.9 | |
| Tillsonburg..... | 843.1 | 870.5 | 951.1 | | 80.6 |

NIAGARA SYSTEM—LOADS OF MUNICIPALITIES, 1934-35-36—Concluded

| Municipality | Peak load in horsepower | | | Change in load 1935-36 | |
|----------------------------|-------------------------|-----------|-----------|---------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| Toronto..... | 280,525.4 | 297,723.8 | 311,327.1 | | 13,603.3 |
| Toronto Township..... | 1,936.7 | 2,034.8 | 2,164.2 | | 129.4 |
| Wallaceburg..... | 1,821.6 | 1,829.8 | 1,955.7 | | 125.9 |
| Wardsville..... | 32.7 | 30.8 | 32.9 | | 2.1 |
| Waterdown..... | 196.2 | 206.4 | 218.6 | | 12.2 |
| Waterford..... | 322.4 | 362.4 | 398.8 | | 36.4 |
| Waterloo..... | 2,729.2 | 2,864.6 | 2,946.4 | | 81.8 |
| Watford..... | 192.5 | 187.6 | 234.6 | | 47.0 |
| Welland..... | 3,758.7 | 3,745.7 | 4,428.1 | | 682.4 |
| Wellesley..... | 95.2 | 119.0 | 95.0 | 24.0 | |
| West Lorne..... | 97.0 | 107.2 | 132.4 | | 25.2 |
| Weston..... | 2,706.4 | 2,955.8 | 3,376.6 | | 420.8 |
| Wheatley..... | 117.1 | 129.3 | 139.1 | | 9.8 |
| Woodbridge..... | 304.7 | 340.5 | 343.1 | | 2.6 |
| Woodstock..... | 4,731.9 | 5,073.7 | 5,227.9 | | 154.2 |
| Wyoming..... | 65.8 | 64.6 | 72.6 | | 8.0 |
| York, East, Township..... | 5,656.4 | 5,826.0 | 5,861.4 | | 35.4 |
| York, North, Township..... | 3,188.8 | 3,258.7 | 3,544.6 | | 285.9 |
| Zurich..... | 71.4 | 68.6 | 81.2 | | 12.6 |

NIAGARA SYSTEM—LOADS OF NEW MUNICIPALITY

| Municipality | Date connected | Initial load | Oct. 1936 | Change in load | |
|------------------------|-------------------|-----------------|-----------|----------------|----------|
| | | | | Decrease | Increase |
| Windsor (Greater)..... | Jan. 1, 1936 | 37,815.2 | 40,254.5 | | 2,439.3 |

NIAGARA SYSTEM—RURAL POWER DISTRICT LOADS, 1934-35-36

| Rural Power district | Peak load in horsepower | | | Change in load 1935-36 | |
|----------------------|-------------------------|-----------|-----------|---------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| Acton..... | 10.0 | 11.0 | 11.0 | | |
| Ailsa Craig..... | 5.6 | 6.4 | 6.4 | | |
| Alvinston..... | 3.1 | 3.1 | 3.1 | | |
| Amherstburg..... | 412.0 | 483.6 | 515.1 | | 31.5 |
| Aylmer..... | 317.5 | 313.3 | 392.2 | | 78.9 |
| Ayr..... | 42.5 | 43.5 | 49.0 | | 5.5 |
| Baden..... | 378.2 | 416.7 | 458.8 | | 42.1 |
| Beamsville..... | 1,043.7 | 1,111.3 | 1,487.0 | | 375.7 |
| Belle River..... | 172.3 | 194.0 | 273.2 | | 79.2 |
| Blenheim..... | 144.2 | 163.8 | 181.0 | | 17.2 |
| Bond Lake..... | 999.2 | 1,179.3 | 1,311.8 | | 132.5 |
| Bothwell..... | 99.4 | 196.5 | 225.9 | | 29.4 |
| Brampton..... | 132.7 | 147.6 | 143.9 | 3.7 | |
| Brant..... | 490.4 | 498.1 | 668.1 | | 170.0 |
| Brigden..... | 35.2 | 46.6 | 50.7 | | 4.1 |

NIAGARA SYSTEM—RURAL POWER DISTRICT LOADS, 1934-35-36—Continued

| Rural Power district | Peak load in horsepower | | | Change in load 1935-36 | |
|------------------------|-------------------------|-----------|-----------|---------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| Burford..... | 148.0 | 154.6 | 178.8 | | 24.2 |
| Caledonia..... | 323.2 | 372.2 | 415.8 | | 43.6 |
| Chatham..... | 479.2 | 468.6 | 515.4 | | 46.8 |
| Chippawa..... | 122.5 | 122.8 | 145.2 | | 22.4 |
| Clinton..... | 122.6 | 128.2 | 143.7 | | 15.5 |
| Delaware..... | 285.8 | 316.6 | 354.5 | | 37.9 |
| Dorchester..... | 312.0 | 340.1 | 386.4 | | 46.3 |
| Dresden..... | 43.3 | 38.9 | 44.5 | | 5.6 |
| Drumbo..... | 95.4 | 77.5 | 111.1 | | 33.6 |
| Dundas..... | 695.7 | 741.4 | 782.4 | | 41.0 |
| Dunnville..... | 39.0 | 41.5 | 41.5 | | |
| Dutton..... | 127.3 | 133.1 | 143.8 | | 10.7 |
| Elmira..... | 79.7 | 82.1 | 93.8 | | 11.7 |
| Elora..... | 104.2 | 111.2 | 123.1 | | 11.9 |
| Essex..... | 199.6 | 217.4 | 234.1 | | 16.7 |
| Exeter..... | 252.7 | 239.2 | 247.6 | | 8.4 |
| Forest..... | 28.0 | 36.8 | 40.4 | | 3.6 |
| Galt..... | 184.7 | 200.5 | 222.6 | | 22.1 |
| Georgetown..... | 132.7 | 147.4 | 170.2 | | 22.8 |
| Goderich..... | 84.2 | 110.3 | 106.1 | 4.2 | |
| Grantham Township..... | 630.1 | 629.1 | 649.8 | | 20.7 |
| Guelph..... | 434.1 | 491.4 | 535.4 | | 44.0 |
| Haldimand..... | 200.6 | 225.1 | 314.0 | | 88.9 |
| Harriston..... | 16.6 | 20.1 | 21.7 | | 1.6 |
| Harrow..... | 286.8 | 287.4 | 339.9 | | 52.5 |
| Ingersoll..... | 369.7 | 427.2 | 500.0 | | 72.8 |
| Jordan..... | 324.8 | 321.9 | 345.2 | | 23.3 |
| Keswick..... | 350.0 | 249.5 | 375.7 | | 126.2 |
| Kingsville..... | 500.3 | 480.8 | 635.8 | | 155.0 |
| Listowel..... | 140.2 | 174.2 | 196.7 | | 22.5 |
| London..... | 1,559.0 | 1,848.6 | 2,028.1 | | 179.5 |
| Lucan..... | 52.0 | 55.3 | 55.0 | 0.3 | |
| Lynden..... | 173.2 | 177.2 | 227.3 | | 50.1 |
| Markham..... | 407.3 | 466.2 | 555.1 | | 88.9 |
| Merlin..... | 167.0 | 212.1 | 214.6 | | 2.5 |
| Milton..... | 181.6 | 175.6 | 178.3 | | 2.7 |
| Milverton..... | 84.3 | 83.1 | 103.4 | | 20.3 |
| Mitchell..... | 185.0 | 190.4 | 215.1 | | 24.7 |
| Newmarket..... | 267.1 | 260.6 | 334.4 | | 73.8 |
| Niagara..... | 527.0 | 611.7 | 548.7 | 63.0 | |
| Norwich..... | 252.3 | 306.2 | 336.6 | | 30.4 |
| Oil Springs..... | 39.9 | 37.7 | 39.3 | | 1.6 |
| Palmerston..... | 54.7 | 52.8 | 56.2 | | 3.4 |
| Petrolia..... | 25.3 | 29.3 | 30.3 | | 1.0 |
| Preston..... | 830.2 | 948.3 | 1,018.9 | | 70.6 |
| Ridgetown..... | 258.8 | 271.1 | 302.8 | | 31.7 |
| St. Jacobs..... | 239.5 | 249.8 | 242.5 | 7.3 | |
| St. Marys..... | 194.6 | 220.5 | 245.5 | | 25.0 |
| St. Thomas..... | 629.4 | 700.4 | 794.4 | | 94.0 |
| Saltfleet..... | 962.1 | 1,058.0 | 1,310.9 | | 252.9 |

NIAGARA SYSTEM—RURAL POWER DISTRICT LOADS, 1934-35-36—Concluded

| Rural Power district | Peak load in horsepower | | | Change in load 1935-36 | |
|----------------------|-------------------------|-----------|-----------|---------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| Sandwich..... | 940.6 | 1,030.9 | 1,095.4 | | 64.5 |
| Sarnia..... | 491.1 | 490.7 | 613.2 | | 122.5 |
| Scarboro..... | 371.7 | 397.4 | 507.2 | | 109.8 |
| Seaforth..... | 53.7 | 63.7 | 71.2 | | 7.5 |
| Simcoe..... | 229.1 | 249.6 | 325.3 | | 75.7 |
| Stamford..... | 194.3 | 176.6 | 182.5 | | 5.9 |
| Stratford..... | 116.9 | 158.6 | 192.0 | | 33.4 |
| Strathroy..... | 109.6 | 115.0 | 125.5 | | 10.5 |
| Streetsville..... | 318.4 | 360.6 | 435.6 | | 75.0 |
| Tavistock..... | 169.7 | 205.0 | 242.6 | | 37.6 |
| Thamesville..... | 97.9 | 120.9 | 140.2 | | 19.3 |
| Tilbury..... | 122.0 | 158.4 | 218.2 | | 59.8 |
| Tillsonburg..... | 324.9 | 369.8 | 448.7 | | 78.9 |
| Wallaceburg..... | 193.0 | 223.2 | 231.2 | | 8.0 |
| Walsingham..... | 182.0 | 239.8 | 334.2 | | 94.4 |
| Walton..... | 63.7 | 103.2 | 148.5 | | 45.3 |
| Waterdown..... | 763.1 | 983.4 | 1,267.2 | | 283.8 |
| Waterford..... | 218.2 | 215.0 | 265.9 | | 50.9 |
| Watford..... | 25.7 | 17.5 | 36.7 | | 19.2 |
| Welland..... | 1,083.6 | 1,168.9 | 1,265.3 | | 96.4 |
| Woodbridge..... | 512.9 | 594.3 | 728.5 | | 134.2 |
| Woodstock..... | 512.8 | 582.0 | 667.8 | | 85.8 |

GEORGIAN BAY SYSTEM

The Georgian Bay system peak and average loads show increases over last year. The peak load, which occurred in July, was two per cent greater than last year's peak, which occurred in August. The energy distributed was six per cent in excess of last year.

Owing to the abnormally hot weather in July, combined with low precipitation in July and August, the storage water reserves were seriously depleted. This, combined with the increase in system load, accounts for an increase in the amount of energy transferred from the Niagara system, through the Hanover frequency-changer set. It was also necessary, in order to conserve storage water and for purposes of voltage regulation in the Severn district, to purchase power from the Orillia Water, Light and Power Commission from August 14 until the end of the year. Power was also purchased from the Orillia Commission during a test period from November 12 to December 10, and while the Wasdells auto-transformer was out of service for repairs from May 1 to 16.

Generating Stations

At Eugenia Falls generating station a temporary wooden base under the 1,500-kv-a synchronous condenser was replaced by a permanent concrete

foundation. Due to the failure of springs from which the domestic water supply was formerly secured a new water treatment system was installed along with a pump so the water from the tailrace can be pumped and treated for domestic use. A new cottage was built to replace operator's cottage "E" which was destroyed by fire December 20.

At Hanover generating station several broken runner vanes in both turbines were repaired by welding. A defective wing wall on the south-east side of the headworks was reinforced by the addition of a new concrete wall dowelled to the old wall.

At Walkerton generating station No. 1 governor pressure tank, which had become defective, was replaced with a new tank. Repairs were made to prevent further scouring of the canal bottom and undermining of the east concrete wall of the headrace canal near the headgates.

At Mount Forest frequency-changer station the armature winding in the 60-cycle end of the frequency-changer set was destroyed, February 28, by fire resulting from insulation failure. A complete new winding was purchased and installed.

At Hanover frequency-changer station an operating mechanism was installed for opening and closing the large doors on the machine building. Trouble had been experienced in closing these doors during wind storms.

At Big Chute generating station new gate bolts, link pins, eccentric pins and wrist pins were installed in No. 1, No. 2 and No. 3 turbines. A complete armature winding, which was purchased new in December, 1928, and held in stock for emergency use, was installed in No. 1 generator and the coils of the old winding will be used as spares for No. 2 and No. 3 generators which are similar to No. 1 unit.

At Wasdells Falls generating station the timbers supporting the deck over the tailrace were replaced with steel beams, a new timber deck was laid and a mechanism for handling the tailrace stop logs was installed. The 24-volt station storage battery was replaced.

At South Falls generating station a forced air cooling system was installed to cool the 1,200 kv-a, 6,600/22,000-volt bank of transformers in order to increase the capacity. A 30 kv-a, single-phase transformer of the 3-phase, 90 kv-a bank of service transformers failed in service February 4, and was repaired at the manufacturer's factory.

Transformer and Distributing Stations

At Alliston distributing station one 75 kv-a transformer failed in service July 9, and was shipped to the manufacturer for repairs.

Big Chute distributing station of 100 kv-a capacity was placed in service July 1 to serve the Honey Harbour portion of Medonte rural power district.

At Buckskin, Beaumaris and Innisfil distributing stations obsolete high-voltage fuses were replaced with fuses of modern design.

At Falkenburg distributing station the single-type low-voltage fuses were replaced with repeater type fuses.

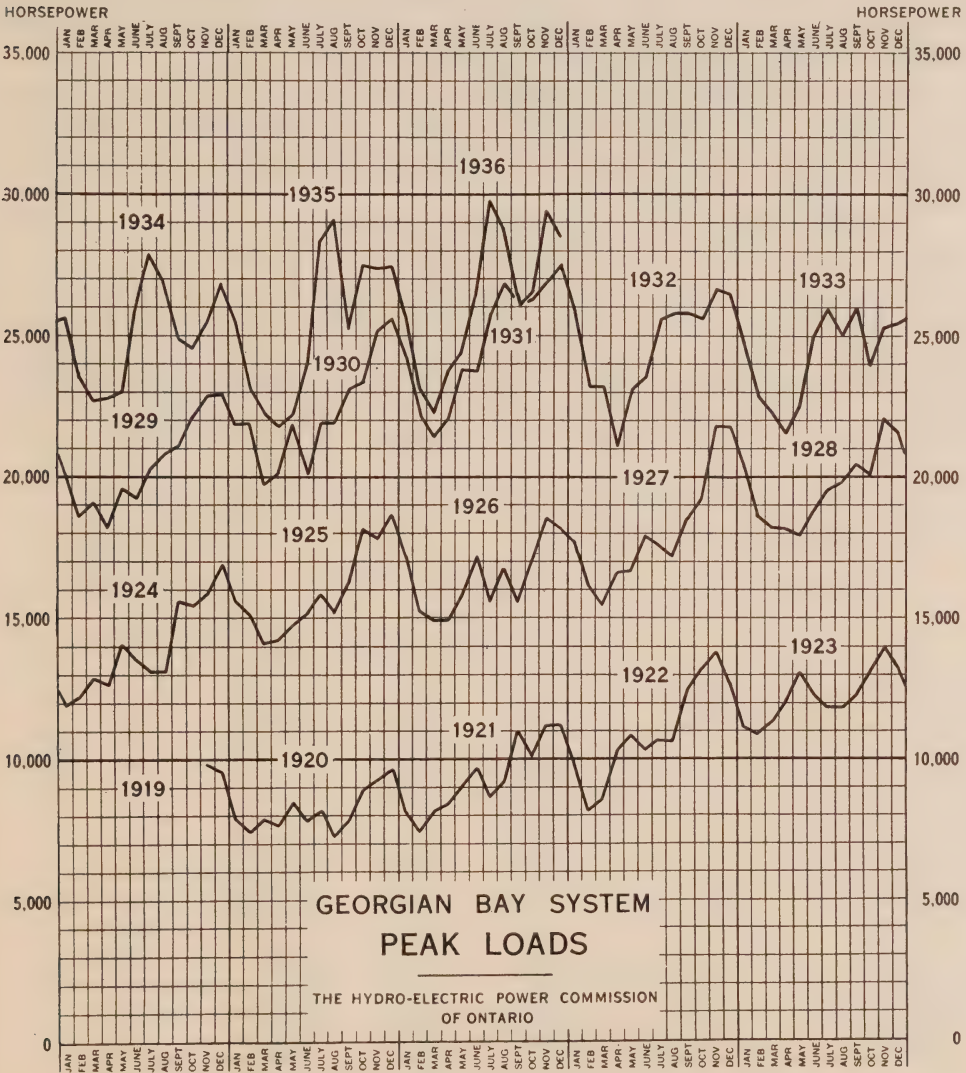
At Penetang rural distributing station an additional 75 kv-a transformer was installed to bring the station capacity up to 150 kv-a.

At Wasdells auto-transformer station the 1,500 kv-a auto-transformer failed in service during a severe lightning storm May 2. It was shipped to the manufacturer for repairs and returned to service May 16.

Twelve municipalities were assisted with the operation and maintenance of their distribution systems on thirty-one occasions.

Transmission Lines

Due to continued dry weather bush fires broke out along the transmission line right-of-way between Big Chute generating station and Waubaushene



NOTE:—The Georgian Bay system includes the Severn, Eugenia, Wasdells, Muskoka and Bala districts. In the diagram the load for the Muskoka district is not included until November, 1924. Details respecting this load for preceding years are given in earlier annual reports. The load of the Bala district is not included in above graph until April, 1931, previous meter records being incomplete.

in the early part of August and ten poles were damaged by fire and had to be replaced.

During unusually hot weather early in May while frost was still in the ground five poles heaved out of the ground and overturned in the line between South Falls generating station and Huntsville. An inspection of this line revealed that 140 other poles had heaved to some extent and they were lowered to their original depth.

During a severe wind storm March 27, eight poles were broken in the Severn district.

In Owen Sound, a short section of line along the dock interfered with the operation of coal unloading equipment. It was re-routed, and the line entrance to Owen Sound distributing station changed.

Due to changes in highway locations it was necessary to move certain poles between Big Chute generating station and Waubauskene, between Waubauskene and Midland, between Collingwood and Eugenia generating station, and between Markdale and Chatsworth.

The lines west of Hanover and between Eugenia generating station and Markdale were reinforced by the erection of 116 storm guys.

In addition to routine patrol and maintenance of lines, 160 defective poles were replaced, 500 poles were reinforced by the addition of stubs, 725 poles were cut off above defective areas at the ground line and lowered and 2,700 poles received preservative treatment at the ground line by the application of sand-cresote collars. Approximately 300 defective crossarms, 1,350 defective insulators and 1,800 defective insulator pins were replaced.

GEORGIAN BAY SYSTEM—LOADS OF MUNICIPALITIES, 1934-35-36

| Municipality | Peak load in horsepower | | | Change in load 1935-36 | |
|------------------|-------------------------|-----------|-----------|---------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| Alliston..... | 212.3 | 210.3 | 249.6 | | 39.3 |
| Arthur..... | 136.7 | 130.0 | 156.3 | | 26.3 |
| Bala..... | 109.0 | 113.0 | 135.0 | | 22.0 |
| Barrie..... | 2,228.3 | 2,396.4 | 2,473.6 | | 77.2 |
| Beaverton..... | 175.0 | 175.6 | 228.8 | | 53.2 |
| Beeton..... | 105.7 | 97.5 | 96.8 | 0.7 | |
| Bradford..... | 161.9 | 171.8 | 192.5 | | 20.7 |
| Brechin..... | 47.5 | 62.8 | 49.3 | 13.5 | |
| Camp Borden..... | 247.0 | 272.4 | 282.8 | | 10.4 |
| Cannington..... | 141.2 | 145.3 | 142.5 | 2.8 | |
| Chatsworth..... | 53.2 | 56.3 | 66.3 | | 10.0 |
| Chesley..... | 423.6 | 492.6 | 504.0 | | 11.4 |
| Coldwater..... | 245.3 | 316.0 | 264.0 | 52.0 | |
| Collingwood..... | 1,139.1 | 1,206.2 | 1,170.0 | 36.2 | |
| Cookstown..... | 65.7 | 71.6 | 65.1 | 6.5 | |
| Creemore..... | 104.5 | 101.7 | 100.5 | 1.2 | |
| Dundalk..... | 145.0 | 198.4 | 188.2 | 10.2 | |
| Durham..... | 337.2 | 288.2 | 314.3 | | 26.1 |
| Elmvale..... | 134.8 | 152.4 | 151.8 | 0.6 | |
| Elmwood..... | 63.1 | 54.7 | 68.0 | | 13.3 |

GEORGIAN BAY SYSTEM—LOADS OF MUNICIPALITIES, 1934-35-36—Concluded

| Municipality | Peak load in horsepower | | | Change in load 1935-36 | |
|-----------------------|-------------------------|-----------|-----------|---------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| Flesherton..... | 87.2 | 79.2 | 91.3 | | 12.1 |
| Grand Valley..... | 101.2 | 106.4 | 123.6 | | 17.2 |
| Gravenhurst..... | 657.4 | 650.6 | 657.8 | | 7.2 |
| Hanover..... | 966.7 | 1,029.5 | 1,046.2 | | 16.7 |
| Hepworth..... | 26.9 | 32.9 | 33.7 | | 0.8 |
| Holstein..... | 16.6 | 18.2 | 17.9 | 0.3 | |
| Huntsville..... | 886.9 | 863.2 | 904.6 | | 41.4 |
| Kincardine..... | 560.8 | 552.7 | 585.6 | | 32.9 |
| Kirkfield..... | 26.9 | 25.8 | 24.6 | 1.2 | |
| Lucknow..... | 243.9 | 262.2 | 271.4 | | 9.2 |
| Markdale..... | 152.4 | 151.7 | 186.0 | | 34.3 |
| MacTier..... | 122.0 | 134.0 | 129.0 | 5.0 | |
| Meaford..... | 413.5 | 467.1 | 482.0 | | 14.9 |
| Midland..... | 2,709.9 | 2,984.2 | 2,904.3 | 79.9 | |
| Mildmay..... | 74.5 | 81.0 | 89.2 | | 8.2 |
| Mount Forest..... | 373.7 | 412.8 | 418.6 | | 5.8 |
| Neustadt..... | 34.8 | 32.4 | 27.3 | 5.1 | |
| Orangeville..... | 518.8 | 529.8 | 571.2 | | 41.4 |
| Owen Sound..... | 3,205.6 | 3,307.8 | 3,727.4 | | 419.6 |
| Paisley..... | 117.9 | 116.0 | 117.9 | | 1.9 |
| Penetanguishene..... | 649.5 | 638.6 | 653.4 | | 14.8 |
| Port Carling..... | 70.0 | 87.0 | 145.0 | | 58.0 |
| Port Elgin..... | 218.7 | 318.3 | 276.6 | 41.7 | |
| Port McNicholl..... | 77.3 | 75.7 | 77.0 | | 1.3 |
| Port Perry..... | 209.4 | 238.8 | 262.0 | | 23.2 |
| Priceville..... | 17.8 | 15.1 | 15.9 | | 0.8 |
| Ripley..... | 60.3 | 58.3 | 58.3 | | |
| Rosseau..... | 48.3 | 36.4 | 36.9 | | 0.5 |
| Shelburne..... | 235.0 | 224.1 | 211.4 | 12.7 | |
| Southampton..... | 242.0 | 214.0 | 224.9 | | 10.9 |
| Stayner..... | 195.0 | 196.1 | 242.6 | | 46.5 |
| Sunderland..... | 57.9 | 59.6 | 65.6 | | 6.0 |
| Tara..... | 72.4 | 81.7 | 84.8 | | 3.1 |
| Teeswater..... | 113.1 | 111.7 | 132.5 | | 20.8 |
| Thornton..... | 27.6 | 30.0 | 28.0 | 2.0 | |
| Tottenham..... | 59.9 | 61.0 | 59.9 | 1.1 | |
| Uxbridge..... | 209.2 | 226.9 | 250.7 | | 23.8 |
| Victoria Harbour..... | 65.4 | 71.3 | 70.0 | 1.3 | |
| Victoria Road..... | 10.0 | 10.6 | 10.7 | | 0.1 |
| Walkerton..... | 451.8 | 465.3 | 561.0 | | 95.7 |
| Waubaushehene..... | 38.4 | 42.2 | 85.3 | | 43.1 |
| Warton..... | 234.9 | 256.7 | 272.2 | | 15.5 |
| Windermere..... | 24.6 | 23.6 | 20.9 | 2.7 | |
| Wingham..... | 371.8 | 374.8 | 362.2 | 12.6 | |
| Woodville..... | 55.6 | 64.6 | 58.4 | 6.2 | |

GEORGIAN BAY SYSTEM—LOADS OF NEW MUNICIPALITY

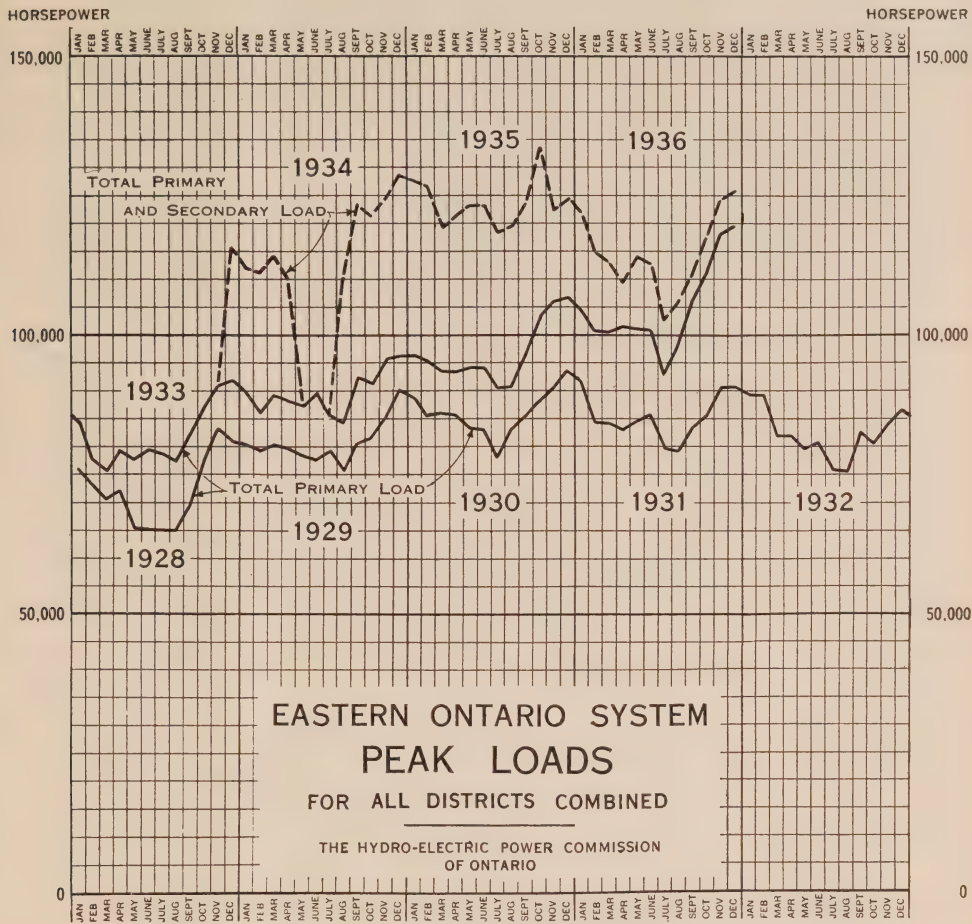
| Municipality | Date connected | Initial load | Oct. 1936 | Change in Load | |
|----------------|-------------------|-----------------|-----------|----------------|----------|
| | | | | Decrease | Increase |
| Carlsruhe..... | Nov. 1, 1935 | 5.0 | 5.0 | | |

GEORGIAN BAY SYSTEM—RURAL POWER DISTRICT LOADS, 1934-35-36

| Rural power district | Peak load in horsepower | | | Change in load 1935-36 | |
|----------------------|-------------------------|-----------|-----------|---------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| Alliston..... | 74.5 | 86.9 | 100.2 | | 13.3 |
| Arthur..... | 3.2 | 3.2 | 4.0 | | 0.8 |
| Bala..... | 144.0 | 152.0 | 110.0 | 42.0 | |
| Barrie..... | 227.4 | 240.8 | 301.2 | | 60.4 |
| Baysville..... | 42.9 | 64.3 | 80.1 | | 15.8 |
| Beaumaris..... | 112.6 | 116.0 | 123.3 | | 7.3 |
| Beaverton..... | 131.6 | 138.0 | 135.4 | 2.6 | |
| Beeton..... | 5.0 | 5.0 | 5.0 | | |
| Bradford..... | 46.1 | 55.5 | 52.1 | 3.4 | |
| Bruce..... | 94.7 | 141.4 | 137.1 | 4.3 | |
| Buckskin..... | 17.9 | 19.3 | 17.2 | 2.1 | |
| Cannington..... | 50.5 | 51.9 | 41.0 | 10.9 | |
| Chatsworth..... | 8.7 | 7.3 | 8.0 | | 0.7 |
| Cookstown..... | 0.8 | 0.8 | 1.2 | | 0.4 |
| Creemore..... | 55.0 | 55.0 | 55.0 | | |
| Elmvale..... | 65.5 | 67.0 | 75.0 | | 8.0 |
| Flesherton..... | 7.7 | 8.3 | 7.7 | 0.6 | |
| Gravenhurst..... | 26.7 | 22.3 | 29.3 | | 7.0 |
| Hawkestone..... | 101.8 | 75.6 | 93.3 | | 17.7 |
| Huntsville..... | 59.5 | 57.8 | 86.4 | | 28.6 |
| Innisfil..... | 179.6 | 127.3 | 182.3 | | 55.0 |
| Mariposa..... | 142.9 | 152.5 | 171.6 | | 19.1 |
| Markdale..... | 37.9 | 41.4 | 42.0 | | 0.6 |
| Medonte..... | 20.0 | 19.0 | 46.1 | | 27.1 |
| Midland..... | 22.0 | 41.1 | 97.0 | | 55.9 |
| Nottawasaga..... | 32.8 | 32.4 | 36.4 | | 4.0 |
| Orangeville..... | 36.1 | 47.9 | 41.1 | | 6.8 |
| Owen Sound..... | 37.0 | 36.7 | 52.7 | | 16.0 |
| Port Perry..... | 112.0 | 124.6 | 124.4 | 0.2 | |
| Ripley..... | 10.3 | 10.3 | 11.3 | | 1.0 |
| Sauble..... | 9.2 | 7.8 | 24.3 | | 16.5 |
| Shelburne..... | 31.1 | 31.6 | 47.7 | | 16.1 |
| Sparrow Lake..... | 128.7 | 106.3 | 161.1 | | 54.8 |
| Tara..... | 51.5 | 58.3 | 81.1 | | 22.8 |
| Thornton..... | 13.1 | 13.6 | 12.8 | | 0.8 |
| Utterson..... | 35.0 | 47.6 | 60.5 | | 12.9 |
| Uxbridge..... | 97.4 | 121.3 | 108.1 | 13.2 | |
| Wasaga Beach..... | 86.0 | 79.0 | 110.9 | | 31.9 |
| Wroxeter..... | 106.7 | 110.9 | 115.0 | | 4.1 |

GEORGIAN BAY SYSTEM—NEW RURAL POWER DISTRICT LOADS

| Rural power district | Date connected | Initial load | Oct. 1936 | Change in load | |
|----------------------|-------------------|-----------------|-----------|----------------|----------|
| | | | | Decrease | Increase |
| Dundalk..... | Jan. 23, 1936 | 7.6 | 8.4 | | 0.8 |
| Meaford..... | Nov. 1, 1935 | 8.0 | 15.0 | | 7.0 |
| Neustadt..... | May 1, 1936 | 0.4 | 0.8 | | 0.4 |
| Minden..... | Dec. 21, 1935 | 30.8 | 29.5 | 1.3 | |
| Tottenham..... | April 1, 1936 | 0.4 | 0.4 | | |



EASTERN ONTARIO SYSTEM

The Eastern Ontario system monthly primary peaks and average loads have again shown substantial increases over the previous fiscal year and have without exception exceeded all recorded maxima for corresponding months in any year. The maximum primary peak increased 7.6 per cent and the total primary kilowatt-hours increased 11.6 per cent.

Secondary power to the extent of 104,028,300 kilowatt-hours was supplied to the steam generator at the Howard Smith Paper Mills at Cornwall.

A considerable portion of the load on this system is supplied from nine Commission-owned generating stations on the Trent river. These stations, under favourable stream flow conditions, in the order of approximately 2,400 c.f.s., have a combined output capacity of some 53,000 horsepower. However, on several occasions during past years capacity reductions of considerable magnitude have been experienced when prevailing stream flow has dropped to minimum weekly average values of between 600 and 700 c.f.s. An unusually dry period started during the latter part of June, 1936, and

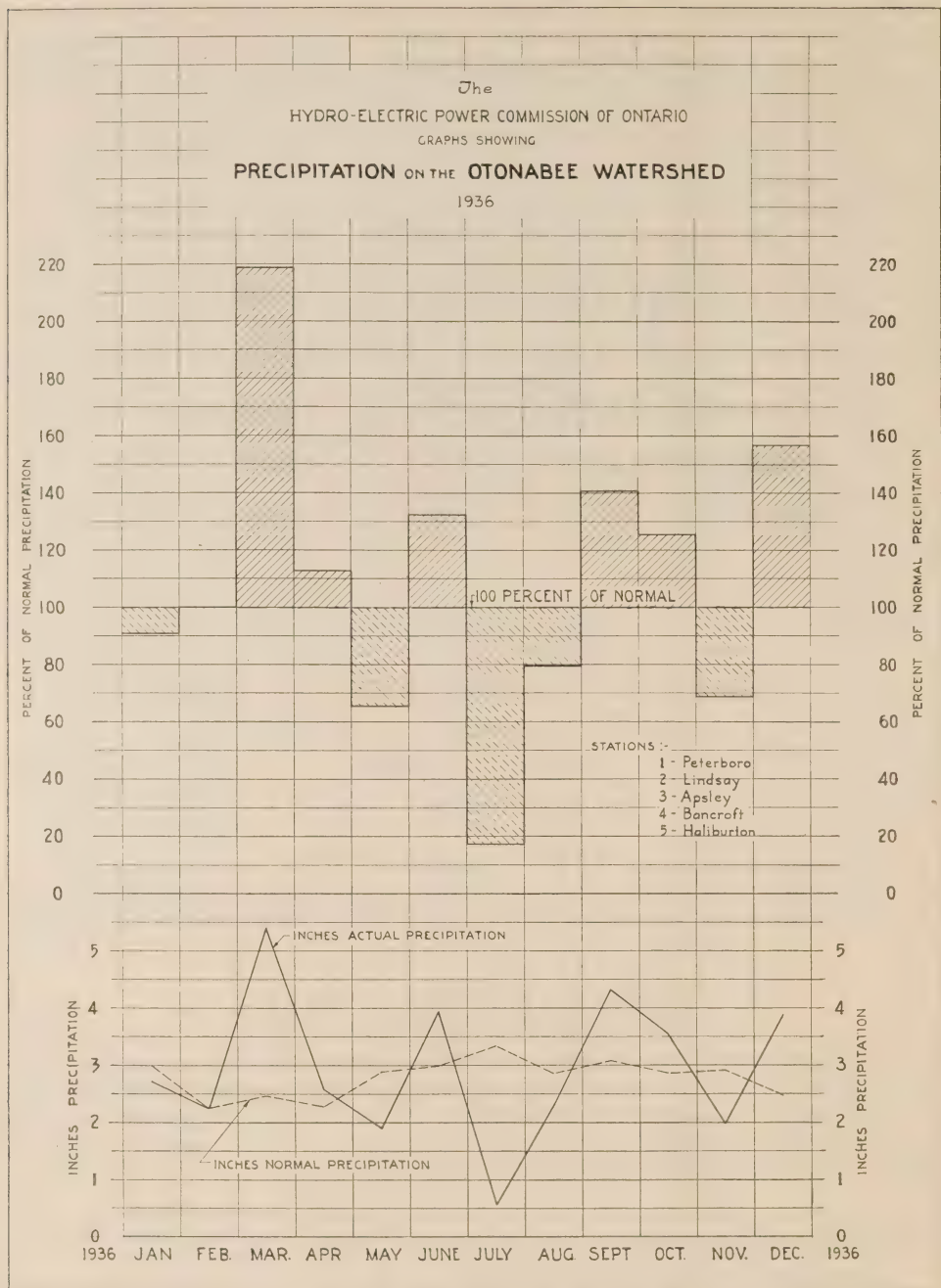


PLATE A—PRECIPITATION DATA—1936

The upper graph represents the estimated actual monthly precipitation on the Otonabee watershed expressed as a percentage of the normal precipitation.

The estimate is based upon the actual and normal return of the Meteorological Service for Peterboro, Lindsay, Bancroft and Haliburton.

Although the numerical values differ from month to month the normal precipitation is taken as 100 per cent. hence the solidly hatched areas represent the amount by which the precipitation exceeded the average while the dotted hatched area represents in a similar manner the deficiencies.

The lower graph shows the actual and normal precipitation in inches of rain. The figures used for the actual precipitation are the numerical averages of the monthly returns from the five stations listed above. The normal figures are derived similarly but are the averages for a period of years.

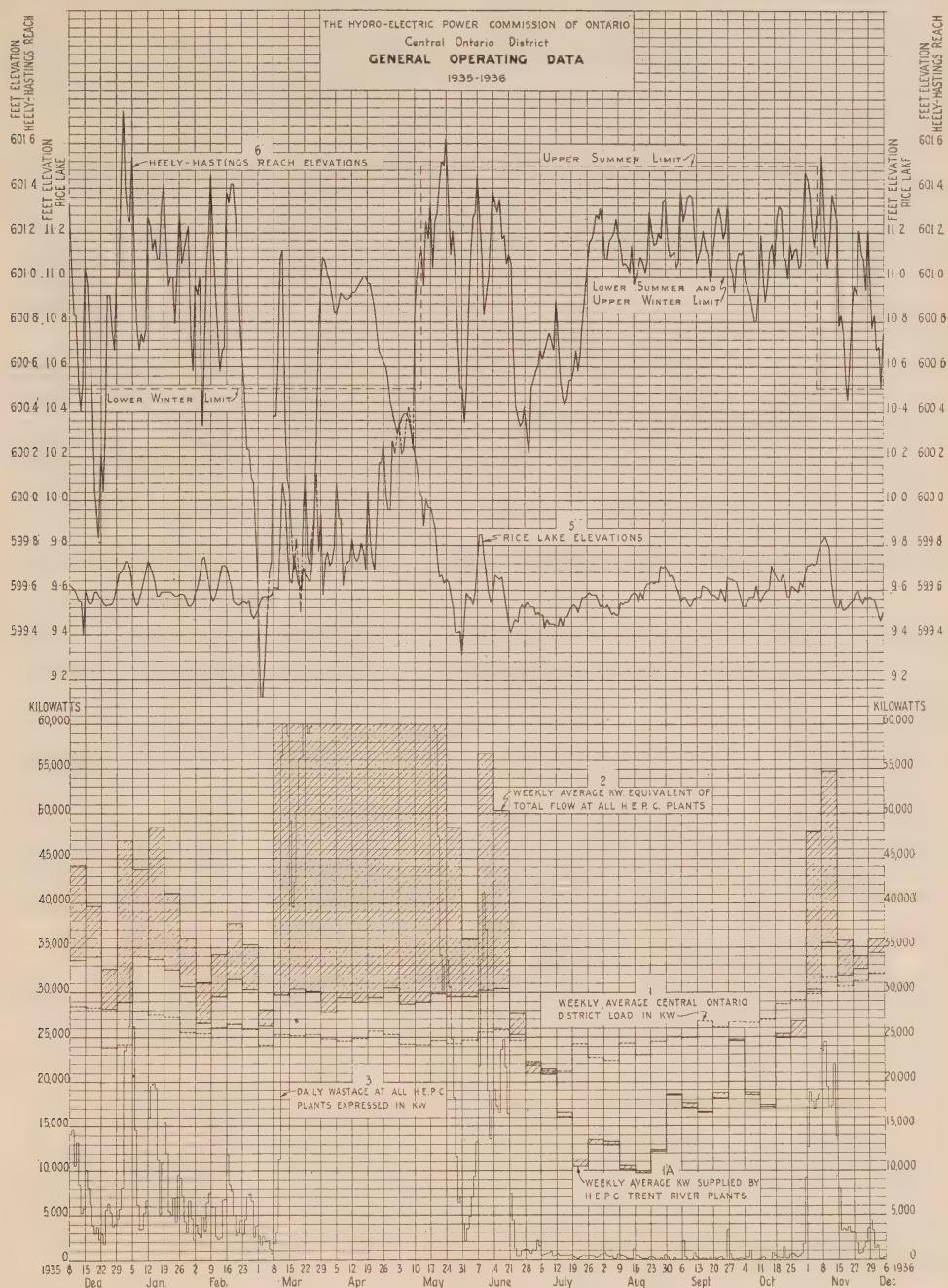


PLATE B—GENERAL OPERATING DATA—December 8, 1935, to December 6, 1936

Graph No. 1—System average weekly load in kilowatts which includes power purchased from the Gatheneau Power Company.

Graph No. 1a—Weekly average load in kilowatts supplied by H-E-P.C. plants on the Trent and Otonabee rivers.

Graph No. 2—Weekly average power equivalent of total flow at all H-E-P.C. Plants. This equals the weekly average load supplied by these plants, plus the power equivalent of the weekly average wastage at these plants. This wastage is shown by the dotted hatched area between curves 2 and 1a.

Graph No. 3—Average daily wastage at all H-E-P.C. plants. In the weekly aggregate the area under this graph equals the wastage represented by the dotted hatched area between curves 2 and 1a.

Graph No. 5—Midnight elevations of Rice Lake.

Graph No. 6—Midnight elevations of Heely-Hastings reach.

continued practically without a break until the middle of August. In addition, temperatures and wind were considerably in excess of normal, resulting in extremely heavy evaporation losses. As a consequence, stream flow on the Trent river again fell to the record low levels of 1931 and 1933.

The marked reduction in generating capacity in this district made it evident during the latter part of July that customer load reductions, particularly in the Central Ontario district, were inevitable if an additional source of power could not be made available at short notice to augment existing sources of supply. The only readily available sources of adequate capacity to meet this emergency was the reserve supply which might be ordered under the 60-cycle contract with the Gatineau Power Company and that which might be made available from the Commission's frequency changer at Chats Falls generating station. Unfortunately the reduction in capacity of the Trent river generating stations was of such magnitude that line and transformer station facilities for transmitting power from the Gatineau Power Company into the Central Ontario district were already taxed to their safe limits, and as a consequence additional power from the Gatineau Power Company would not have relieved the situation in this critical centre as the capacity of the connecting facilities could not have been augmented in time.

The alternative was to provide a source of power feeding directly into the Central Ontario district. Accordingly arrangements were completed for the release of one of the three 220,000-volt, 25-cycle, Niagara system lines which extend between Chats Falls and Leaside transformer station in Toronto. This line was interconnected with one of the Central Ontario district 44,000-volt lines on July 25 at a point where the lines cross, approximately six miles west of Norwood, thereby making available to this district a direct supply of 60-cycle power from the frequency-changer set at Chats Falls. Power from this source was continued until about the end of October when the stream flow on the Trent river had recovered sufficiently to ensure a sustained output capacity from the local generating sources comparable with the seasonal load normally carried by these plants.

When reductions in generating capacity due to low flow in the Trent river first became evident, service to the steam generator at the Howard Smith Paper Mills at Cornwall was discontinued. Later the supply available from the frequency-changer set at Chats Falls was at times in excess of that required for primary load purposes, and the steam generator was returned to service in order to dispose of all surplus energy as it became available.

Surplus power from the Commission's generating stations in the Mada-waska district amounting to a total of 13,538,394 kilowatt-hours, with a maximum peak of 5,338 horsepower, was transferred to the interconnected system network over the 33,000-volt line which extends between Galetta and Smiths Falls.

During the year the usual program of general plant inspection and maintenance was carried out. A number of turbines were unwatered and inspected, and necessary repairs and adjustments made. The governors in the various plants were inspected and adjusted. Several of the forebays were unwatered, racks cleaned, sunken debris removed and the concrete carefully inspected. Lightning arresters were overhauled during the winter season. A number of high-voltage electrolytic arresters were replaced by an

improved type of modern arrester, thus avoiding future periodical overhauling with its attendant expense.

High-tension oil breakers were inspected and overhauled in accordance with the number of times they had operated under trouble conditions. Defective high-tension bushings were replaced in a number of oil breakers and transformers. Painting of buildings, structures, and apparatus was carried out at numerous places throughout the system. Further details are given below regarding the maintenance of the various stations and lines.

Generating Stations

At Sidney, plant No. C-2, the station site was further improved by planting seedling trees.

At Frankford, plant No. C-5, defective upper guide bearings were replaced on two of the generators. Additional protective barriers were installed as a safety measure in front of the 6,600-volt fuses.

At Hagues Reach, plant No. C-9, the main shaft of number three unit had to be replaced when a serious crack developed at a circular keyway where the thrust collar is attached to the shaft. The babbit in the thrust bearing was damaged and had to be replaced. A defective guide bearing was also replaced. The windings of the generator were thoroughly cleaned and painted with an insulating varnish. Units number one and number two were thoroughly inspected but only minor adjustments were necessary. Three defective coils were replaced in one of the 1,350-kv-a, three-phase, 44,000-volt transformers which failed in service during an electrical storm. When this failure occurred the manhole cover was blown off the transformer striking an adjacent transformer, and damaging one of the high-tension bushings which had to be replaced. A defective section of the supervisory control cable had to be replaced. As a safety measure, railings were extended along the forebay wall. Additional fencing was installed in order to prevent unauthorized entry into the station property.

At Seymour, plant No. C-11, the turbines were all inspected but no extensive maintenance was found necessary. The crown gear of one unit was replaced and a defective idler and shaft was replaced on another unit. A defective ball bearing was replaced in the turbine exciter. All high-tension oil breakers had to be overhauled on three occasions. A new 24-volt storage battery was installed.

At Heely Falls, plant No. C-14, a defective ball-thrust bearing was replaced on one of the turbines. A gate-limiting device was made up and installed on this unit. Defective oil-cooling coils were replaced on two units. The relief valves on two units were overhauled. 44,000-volt potential transformers were installed to facilitate synchronizing between the 44,000-volt line, to which the emergency connection to the Chats Falls frequency changer had been made, and the 44,000-volt station bus.

At Auburn, plant No. C-18, the forebay was unwatered and a defective section of concrete was repaired. When the forebay was unwatered the turbines were inspected and a total of sixteen broken gates were replaced. The defective wooden railing above the racks was replaced by a pipe railing. Three defective sections of the clay-tile power-house roof were replaced by galvanized iron tile.

At Fenelon Falls, plant No. C-30, the exciter turbine was unwatered and the broken regulating ring and quadrant gear were replaced. Eighteen defective coils were replaced in one of the 400-kv-a generators following a failure while in service. The stone wall on the river side of the forebay was repaired.

At Galetta generating station on the Mississippi river, a section of the east forebay wall approximately 120 feet in length collapsed under the pressure of the spring freshet on March 31. This section of wall was completely rebuilt, and the remaining section was reinforced and repaired. Following this failure a program of general plant rehabilitation was carried out. All hydraulic and electrical equipment was overhauled. A bank of three, 400-kv-a, 2,200/33,000-volt transformers was installed on a concrete pad on the station property in order to make the total capacity of the plant directly available to the 33,000-volt line.

At Calabogie generating station on the Madawaska river, the main turbines were completely overhauled. A number of defective bolts were replaced in the regulating rings and gate links of each unit. The turbine bearings were all adjusted. Two double booms were installed across the forebay in order to eliminate, as far as possible, difficulties which have been experienced due to the breaking up of the forebay ice cover when the daily output of the plant is varied over a wide range. Steel stop-log checks were installed in all five sluices of the South Branch dam. Timber stringers, decking and railings on the dam were entirely renewed, and all surfaces creosoted. New stop logs were framed and placed in the new checks. A new steel and timber bulkhead was constructed in the opening originally provided for a third unit.

Municipal, Distributing and Switching Stations

At Auburn switching station, three-phase, gang-operated grounding switches were installed on the three 44,000-volt lines.

At Bowmanville distributing station, in order to meet increasing load demand, a third 750-kv-a, three-phase, 44,000/4,160-volt transformer was installed and placed in service on June 15. A new 24-volt battery was installed replacing the defective battery.

At Belleville distributing station, one of the 750-kv-a transformers was replaced with a 1,500-kv-a, three-phase, 44,000/2,400-volt transformer on October 11 in order to meet increasing load demand in that district. Reactors were installed on the secondary side of the other transformers for load balancing purposes.

At Cornwall transformer station, new relays were installed on the 110,000-volt and 44,000-volt lines.

At Kingston distributing station, due to increased load demand, one of the 750-kv-a transformers was replaced with a 1,500-kv-a, three-phase, 44,000/2,400-volt transformer on May 16.

At Oshawa No. 1 distributing station, due to increased load demand in that district, the transformer capacity was increased to 9,000-kv-a, by replacing one of the 1,500-kv-a transformers with a 3,000-kv-a transformer. The low-tension oil breaker and current transformers associated with this

At Sidney transformer station, ground disconnecting switches were installed on all outgoing 6,600-volt feeders. A new 120-volt storage battery and mounting rack was installed, replacing the old battery which had been in service for 25 years.

At Smiths Falls transformer station, a new 3,000-kv-a, three-phase, 44,000/2,400-volt transformer was installed in the tertiary bank in order to facilitate the transfer of a maximum amount of power to or from any of the interconnected sources. The capacity of the tertiary bank is now 4,500 kv-a. The 1,500-kv-a transformer in the tertiary bank failed in service during a severe electrical storm on August 23, and was returned to service on October 14 following the replacement of a section of one of the high-voltage windings. During an electrical storm on July 13, two high-tension bushings failed in the 750-kv-a transformer and were replaced. At the same time, an air-insulated current transformer on the 44,000-volt side of the tertiary transformer bank broke down and was removed from service, rebuilt and re-installed at a later date.

At Williamsburg an entirely new outdoor substation of steel construction was placed in service on August 2. The two 100-kv-a, single-phase transformers which formerly served this district were replaced with a 300-kv-a, three-phase, 44,000/4,160-volt transformer.

High-Voltage Lines

An active program of transmission line maintenance was carried out during the year. Approximately 10,000 insulators were tested, of which approximately 2,300 were found defective and replaced. 272 poles were stubbed, and 157 poles were replaced due to rot at the ground line. Sand-cresote collars were installed on 2,082 poles. A number of defective 44,000-volt air-break switches were replaced. Severe storms during the early months of the year caused considerable damage to the high-tension lines, particularly in the Central Ontario, St. Lawrence and Madawaska districts. During a severe wind storm in the vicinity of Perth on July 9, a number of poles were broken off at the ground line.

On October 29 a wind storm of cyclonic proportions broke off thirteen poles on the 44,000-volt Belleville-Kingston tie line immediately east of Napanee.

A considerable number of poles were relocated at different points on the system as a result of highway changes. Due to erosion of the canal bank west of Morrisburg, a total of twelve poles had to be relocated. Seven poles were moved in the town of Brockville due to street widening. Approximately half-a-mile of 44,000-volt line south of Maxville, which was set in soft ground and had several bad corners, was relocated, making a much stronger line. Routine maintenance work was carried out, including straightening poles, adjusting guys, tightening bolts, etc. Tree trimming, weed cutting and underbrushing were carried out on numerous high-voltage and low-voltage line sections.

Meter Department and Repair Shops—Belleville

The usual program of routine work in connection with the maintenance of metering and relay equipment was carried out by the Meter department. Fifty-six new station watt-hour meter installations were inspected and checked

into service, and 174 metering equipments for municipal customers in various parts of the system were inspected.

Special tests relating to radio and telephone interference, ground conductivity and voltage conditions were made at numerous points on the system. The services of this department are available on request to any municipality wanting electrical measurements made, meter installations checked, or technical problems investigated.

The Belleville machine and meter repair shop continued to test and repair service meters for municipal and rural systems. 2,836 meters were repaired and 1,428 new meters handled. Approximately 500 samples of oil received from the field were tested during the year.

EASTERN ONTARIO SYSTEM—LOADS OF MUNICIPALITIES, 1934-35-36

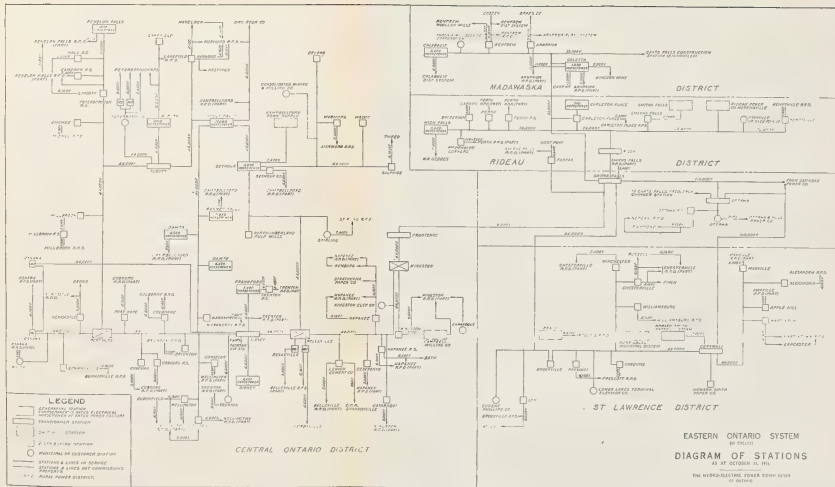
| Municipality | Peak load in horsepower | | | Change in load 1935-36 | |
|---------------------|-------------------------|-----------|-----------|------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| Alexandria..... | 207.4 | 207.1 | 205.3 | 1.8 | ..... |
| Apple Hill..... | 30.3 | 31.9 | 36.2 | ..... | 4.3 |
| Athens..... | 74.4 | 77.7 | 102.1 | ..... | 24.4 |
| Bath..... | 27.3 | 27.8 | 26.8 | 1.0 | ..... |
| Belleville..... | 3,866.9 | 4,235.0 | 5,092.0 | ..... | 857.0 |
| Bloomfield..... | 76.3 | 76.5 | 86.6 | ..... | 10.1 |
| Bowmanville..... | 1,688.1 | 1,765.8 | 1,972.3 | ..... | 206.5 |
| Brighton..... | 267.8 | 274.0 | 284.2 | ..... | 10.2 |
| Brockville..... | 2,497.3 | 2,628.6 | 2,991.9 | ..... | 363.3 |
| Cardinal..... | 148.4 | 154.1 | 180.8 | ..... | 26.7 |
| Carleton Place..... | 1,014.7 | 1,288.8 | 1,257.3 | 31.5 | ..... |
| Chesterville..... | 170.1 | 230.5 | 245.0 | ..... | 14.5 |
| Cobden..... | ..... | 53.6 | 60.3 | ..... | 6.7 |
| Cobourg..... | 1,317.7 | 1,396.8 | 1,423.5 | ..... | 26.7 |
| Colborne..... | 137.0 | 133.5 | 148.1 | ..... | 14.6 |
| Deseronto..... | 126.6 | 131.8 | 135.4 | ..... | 3.6 |
| Finch..... | 43.5 | 53.5 | 59.7 | ..... | 6.2 |
| Hastings..... | 87.4 | 85.9 | 87.0 | ..... | 1.1 |
| Havelock..... | 126.1 | 117.5 | 146.8 | ..... | 29.3 |
| Kemptville..... | 272.1 | 290.8 | 361.9 | ..... | 71.1 |
| Kingston..... | 5,921.3 | 6,478.5 | 7,512.3 | ..... | 1,033.8 |
| Lakefield..... | 206.1 | 233.7 | 256.0 | ..... | 22.3 |
| Lanark..... | 79.0 | 74.8 | 82.3 | ..... | 7.5 |
| Lancaster..... | 36.0 | 47.2 | 44.0 | 3.2 | ..... |
| Lindsay..... | 1,866.1 | 1,913.0 | 2,170.0 | ..... | 257.0 |
| Madoc..... | 146.6 | 161.6 | 165.4 | ..... | 3.8 |
| Marmora..... | 94.2 | 93.3 | 101.7 | ..... | 8.4 |
| Martintown..... | 22.5 | 25.3 | 32.8 | ..... | 7.5 |
| Maxville..... | 73.4 | 87.1 | 83.6 | 3.5 | ..... |
| Millbrook..... | 76.5 | 66.5 | 57.9 | 8.6 | ..... |
| Napanee..... | 953.2 | 1,043.6 | 1,095.9 | ..... | 52.3 |
| Newburgh..... | 39.5 | 40.1 | 35.9 | 4.2 | ..... |
| Newcastle..... | 102.5 | 109.1 | 109.6 | ..... | 0.5 |
| Norwood..... | 102.0 | 95.2 | 93.2 | 2.0 | ..... |
| Omeme..... | 102.0 | 128.8 | 137.7 | ..... | 8.9 |

EASTERN ONTARIO SYSTEM—LOADS OF MUNICIPALITIES, 1934-35-36
—Concluded

| Municipality | Peak load in horsepower | | | Change in load 1935-36 | |
|-------------------|-------------------------|-----------|-----------|---------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| Orono..... | 74.9 | 76.7 | 92.0 | | 15.3 |
| Oshawa..... | 8,859.2 | 12,690.2 | 11,391.4 | 1,298.8 | |
| Ottawa..... | 26,954.1 | 26,869.9 | 28,751.7 | | 1,881.8 |
| Perth..... | 1,139.4 | 1,254.1 | 1,364.0 | | 109.9 |
| Peterborough..... | 6,095.3 | 7,140.3 | 7,700.0 | | 559.7 |
| Picton..... | 868.7 | 864.3 | 925.7 | | 61.4 |
| Port Hope..... | 1,178.6 | 1,358.4 | 1,319.7 | 38.7 | |
| Prescott..... | 705.8 | 758.1 | 890.0 | | 131.9 |
| Richmond..... | 47.7 | 45.5 | 41.5 | 4.0 | |
| Russell..... | 41.3 | 42.4 | 46.9 | | 4.5 |
| Smiths Falls..... | 1,549.6 | 1,626.1 | 1,765.3 | | 139.2 |
| Stirling..... | 243.9 | 257.3 | 255.3 | 2.0 | |
| Trenton..... | 2,948.5 | 2,985.3 | 3,029.6 | | 44.3 |
| Tweed..... | 165.8 | 162.7 | 194.6 | | 31.9 |
| Warkworth..... | 64.9 | 63.8 | 70.7 | | 6.9 |
| Wellington..... | 199.7 | 177.4 | 178.4 | | 1.0 |
| Westport..... | 68.3 | 69.9 | 77.2 | | 7.3 |
| Whitby..... | 994.6 | 966.5 | 991.9 | | 25.4 |
| Williamsburg..... | 212.4 | 236.8 | 218.5 | 18.3 | |
| Winchester..... | 213.2 | 234.8 | 265.3 | | 30.5 |

EASTERN ONTARIO SYSTEM—RURAL POWER DISTRICT LOADS, 1934-35-36

| Rural power district | Peak load in horsepower | | | Change in load 1935-36 | |
|----------------------|-------------------------|-----------|-----------|---------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| Alexandria..... | 31.0 | 33.2 | 35.3 | | 2.1 |
| Belleville..... | 310.8 | 347.4 | 391.7 | | 44.3 |
| Bowmanville..... | 102.7 | 112.2 | 114.7 | | 2.5 |
| Brighton..... | 22.8 | 23.3 | 23.3 | | |
| Brockville..... | 278.1 | 325.8 | 340.5 | | 14.7 |
| Campbellford..... | 65.6 | 57.7 | 81.0 | | 23.3 |
| Chesterville..... | 170.1 | 199.1 | 269.3 | | 70.2 |
| Cobourg..... | 279.1 | 303.0 | 325.6 | | 22.6 |
| Colborne..... | 97.8 | 92.0 | 107.7 | | 15.7 |
| Fenelon Falls..... | 65.3 | 122.8 | 165.6 | | 42.8 |
| Iroquois..... | 408.8 | 453.0 | 502.7 | | 49.7 |
| Kemptville..... | 20.7 | 25.0 | 26.8 | | 1.8 |
| Kingston..... | 360.7 | 408.0 | 527.6 | | 119.6 |
| Lakefield..... | 39.6 | 47.2 | 62.1 | | 14.9 |
| Martintown..... | 51.8 | 69.4 | 73.3 | | 3.9 |
| Maxville..... | 157.4 | 170.8 | 197.7 | | 26.9 |
| Millbrook..... | 42.1 | 45.4 | 52.0 | | 6.6 |
| Napanee..... | 211.1 | 219.5 | 256.1 | | 36.6 |
| Nepean..... | 582.3 | 635.4 | 762.8 | | 127.4 |
| Newcastle..... | 63.4 | 66.9 | 63.4 | 3.5 | |



EASTERN ONTARIO SYSTEM—RURAL POWER DISTRICT LOADS, 1934-35-36
—Concluded

| Rural power district | Peak load in horsepower | | | Change in load 1935-36 | |
|----------------------|-------------------------|-----------|-----------|---------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| Norwood..... | 19.8 | 24.4 | 22.0 | 2.4 | ..... |
| Omamee..... | 4.8 | 4.8 | 5.0 | ..... | 0.2 |
| Oshawa..... | 727.8 | 821.6 | 903.1 | ..... | 81.5 |
| Perth..... | 26.8 | 25.8 | 32.6 | ..... | 6.8 |
| Peterborough..... | 438.8 | 456.0 | 500.8 | ..... | 44.8 |
| Prescott..... | 116.6 | 138.0 | 134.2 | 3.8 | ..... |
| Stirling..... | 50.5 | 51.7 | 49.6 | 2.1 | ..... |
| Smiths Falls..... | 156.1 | 176.1 | 234.9 | ..... | 58.8 |
| Trenton..... | 209.3 | 238.1 | 107.6 | 130.5 | ..... |
| Warkworth..... | 3.0 | 3.6 | 3.8 | ..... | 0.2 |
| Wellington..... | 173.8 | 244.7 | 245.3 | ..... | 0.6 |
| Williamsburg..... | 82.8 | 86.4 | 98.8 | ..... | 12.4 |

EASTERN ONTARIO SYSTEM—RURAL POWER DISTRICT LOADS, 1934-35-36

| Rural power district | Date connected | Initial load | Oct. 1936 | Change in load | |
|----------------------|-------------------|-----------------|-----------|----------------|----------|
| | | | | Decrease | Increase |
| Marmora..... | July 1, 1936 | 3.3 | 1.5 | 1.8 | ..... |

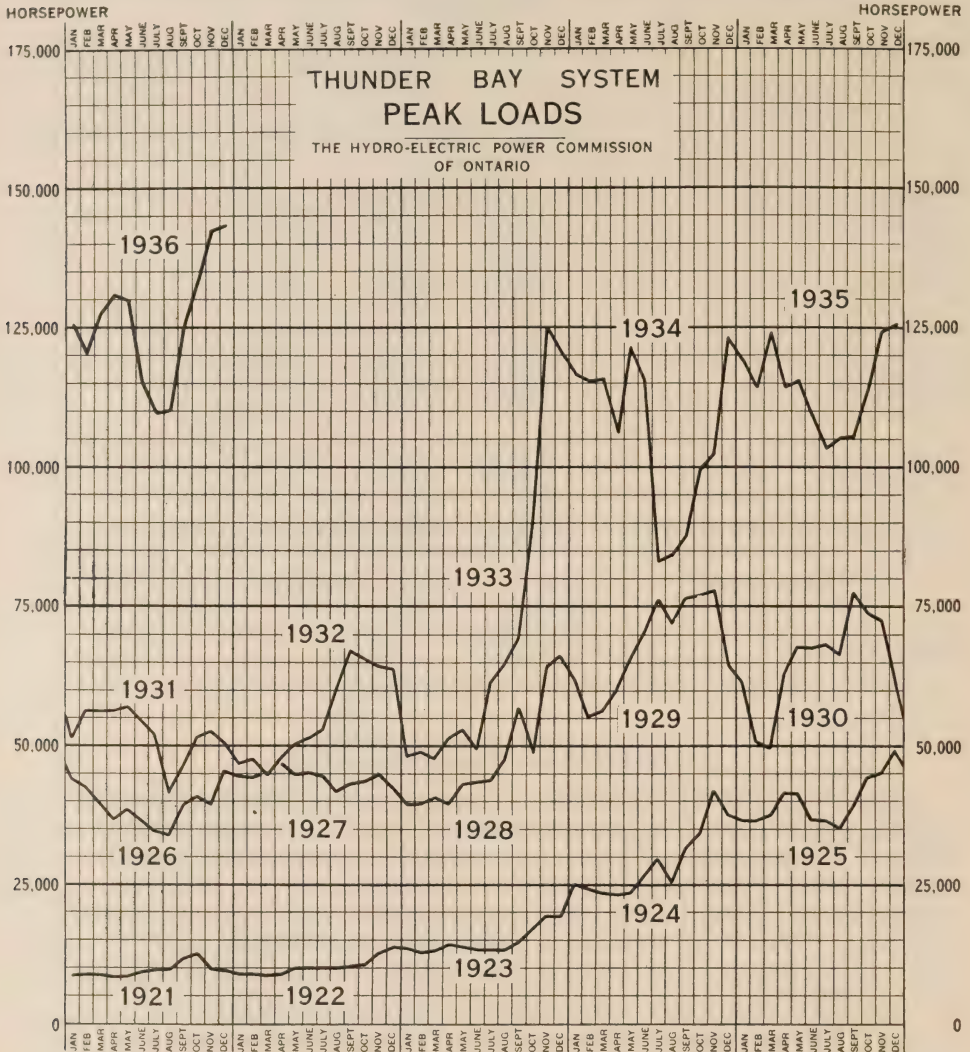
THUNDER BAY SYSTEM

The load on the Thunder Bay system increased over the previous year. While a large amount of power was again sold for the generation of steam (utilized in the pulp and paper industry) the increase was mainly in the primary load. The average load generated for all purposes showed an increase of 13 per cent and the average monthly peak an increase of 9.8 per cent over 1935. The highest load demand on the system was in October, when the maximum twenty-minute peak generated was 134,000 horsepower.

Two new customers were added to the system during the year. On May 30 the substation of the Sand River Gold Mines was placed in service and on June 20 the Leitch Gold Mines substation. Power is supplied to these stations over their 44,000-volt transmission lines which connect to the line of the Northern Empire Mines at Empire.

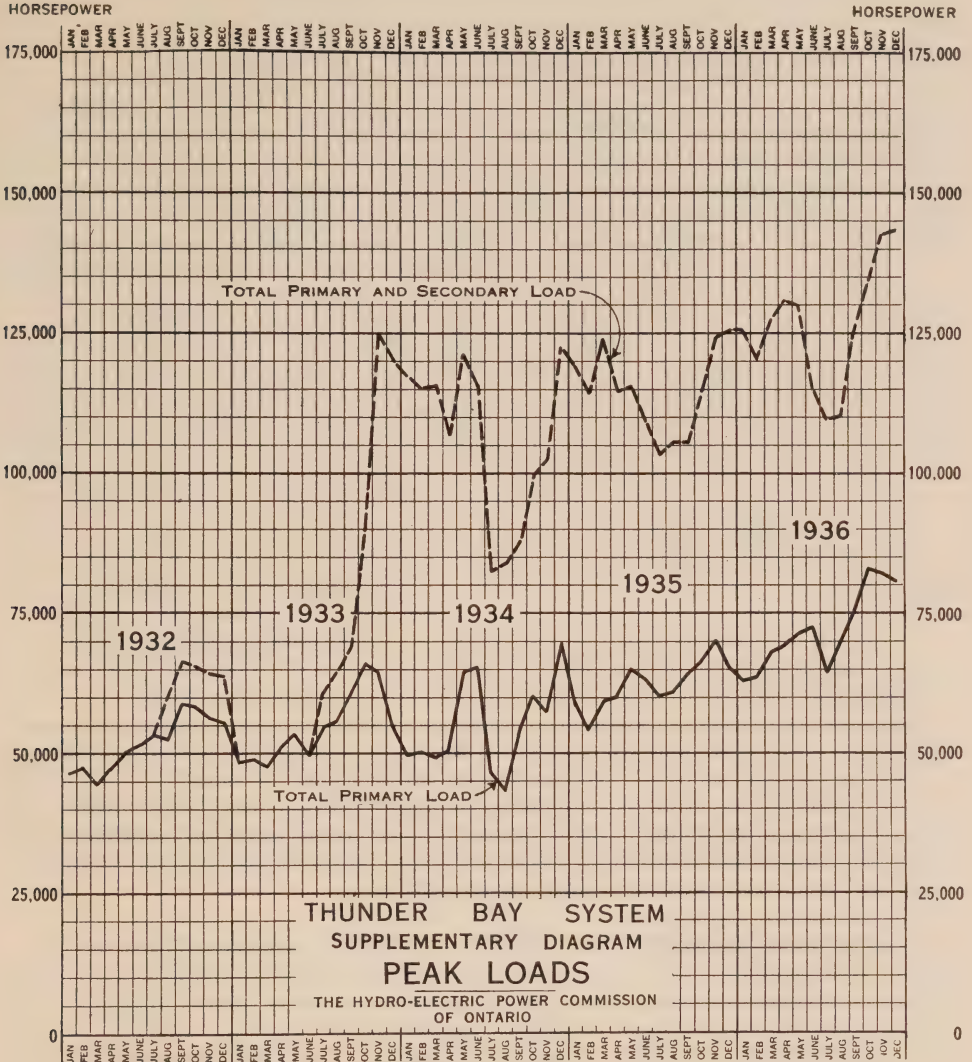
The Kaministiquia Power Company was in parallel with the system during certain periods of the year. This parallel was made through the interconnecting switch on number 1053 feeder near Fort William transformer station. This method of operation was adopted at the request of the Abitibi Power and Paper Company, in order to augment the system capacity to such an extent that it would not be necessary to reduce the load on the electric steam generator at the Thunder Bay Paper Company during peak periods.

There was no restriction of primary power supply, or serious interruptions of service to any customer. It was necessary on occasions to restrict the secondary load demands of certain customers for short periods in order to carry the system load with satisfactory frequency and voltage.



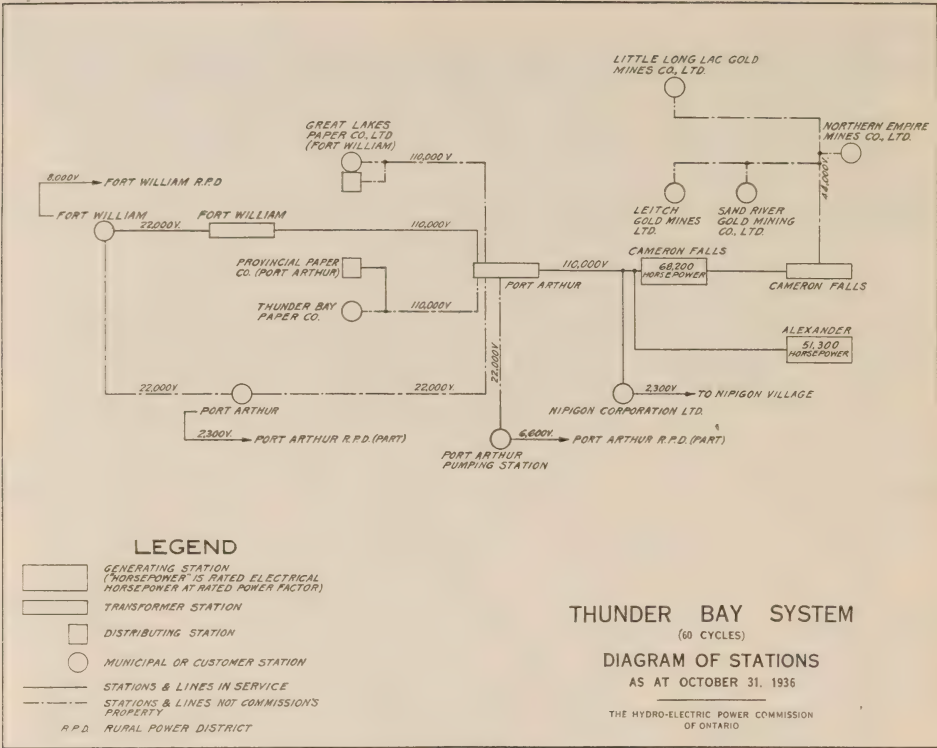
The generating stations, transformer stations, and transmission lines all functioned reliably and satisfactorily throughout the year. No repairs of major importance were necessary to the generating units at either the Cameron Falls or Alexander generating stations. Routine maintenance work was carried on as opportunity offered, that is, when the load permitted individual units to be temporarily released from service. Considerable maintenance work was carried out on the power transformers and oil circuit-breakers at the generating stations and also at Port Arthur and Fort William transformer stations.

One 8,000-kv-a transformer at Cameron Falls generating station failed in service on October 11, due to carbonizing of the core bolt insulation. This transformer was dismantled, and a new core was supplied by the manufac-



turer. During the extremely hot weather in July there were four bushing failures on the 110,000-volt oil circuit-breakers at Cameron Falls generating station. At Cameron Falls transformer station a bank of three 44,000/-12,000-volt, 1,500-kv-a transformers was placed in service on February 15, replacing the three 33,000/12,000-volt, 400-kv-a units supplying the mining customers in the Beardmore-Long Lac area.

Very little trouble was encountered with the 110,000-volt transmission lines system. There were a number of flashovers during electrical storms, causing interruptions of short duration to one or more customers, but in no case was there a total system interruption. Special attention was again given to the testing of insulators and the replacement of those found defective, and to the maintenance of poles and conductors.



The precipitation in the watershed supplying this system was about average, 23 inches being recorded. A considerable amount of water was wasted during the spring run-off, and with the high river flow required as a result of the increased load the level of lake Nipigon was reduced to 851.3, which is about two feet less than a year ago.

THUNDER BAY SYSTEM—LOADS OF MUNICIPALITIES, 1934-35-36

| Municipality | Peak load in horsepower | | | Change in load 1935-36 | |
|-----------------------|-------------------------|-----------|-----------|------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| Fort William..... | 10,835.8 | 10,740.0 | 10,678.3 | 61.7 | |
| Nipigon Township..... | 105.1 | 112.5 | 124.6 | | 12.1 |
| Port Arthur..... | 26,251.5 | 34,396.3 | 42,407.2 | | 8,010.9 |

THUNDER BAY SYSTEM—RURAL POWER DISTRICT LOADS, 1934-35-36

| Rural power district | Peak load in horsepower | | | Change in load 1935-36 | |
|----------------------|-------------------------|-----------|-----------|------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| Fort William..... | 83.7 | 111.2 | 130.0 | | 18.8 |
| Port Arthur..... | 37.5 | 47.0 | 49.6 | | 2.6 |

MANITOULIN DISTRICT

Supplying Power to the

MANITOULIN RURAL POWER DISTRICT

Operation of the Manitoulin district throughout the year was satisfactory. Four total district interruptions, totalling 4 hours 2 minutes, were required by the Manitoulin Pulp Company to permit repairs to generating equipment, and six interruptions, totalling 8 hours 1 minute, were required by the Commission to locate and correct equipment failures in the Kagawong distributing station.

On September 11, 1936, one high-tension bushing on one of the three 100-kv-a transformers in Kagawong distributing station failed in service. The bushing was removed, repaired and returned to service. On October 11, 1936, the lightning arrester on one phase of the outgoing line at Kagawong distributing station failed and was removed from service. During the interruption required for this work the repaired transformer bushing was replaced by a new bushing. Both failures were caused by lightning surges.

MANITOULIN RURAL POWER DISTRICT LOADS, 1934-35-36

| Rural power district | Peak load in horsepower | | | Change in load 1935-36 | |
|----------------------|-------------------------|-----------|-----------|---------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| Manitoulin..... | 87.9 | 113.9 | 138.4 | ..... | 24.5 |

NORTHERN ONTARIO PROPERTIES

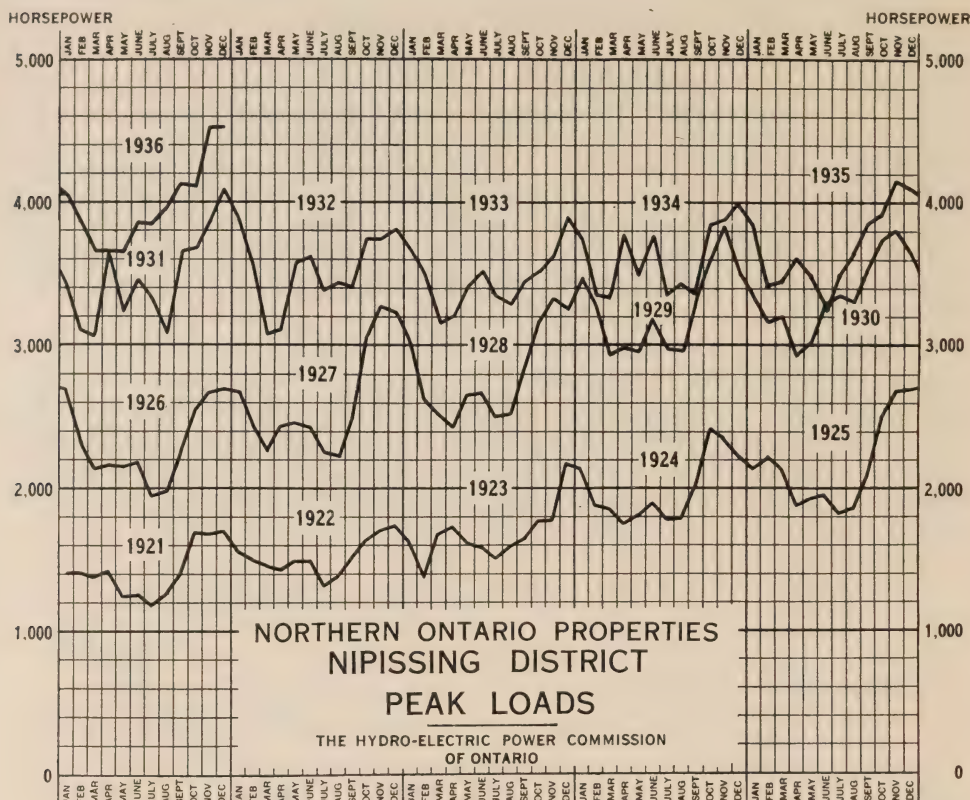
Nipissing District

Water storage and river flow conditions were satisfactory throughout the year, and no special difficulties were experienced in the operation of this district. The usual schedule of inspection and testing of equipment and lines has been followed. No serious failures were experienced, and all equipment was maintained in good operating condition. An outline of the maintenance work performed is given in the following paragraphs.

Generating Stations

At Nipissing generating station the wood-stave pipe line was inspected. One hundred steel plates with tarred felt pads were placed over leaky butt joints, bench sills were replaced where decay was developing, and the drainage was improved. The exposed steel parts of the surge tank and its wooden housing were scraped and painted. Some road work was done on the road into the generating station. The pole line from the power house to the main dam was rehabilitated, the conductor, ten poles, eight crossarms, and ten insulators being replaced.

At Bingham Chute generating station the turbines were inspected and new lignum vitae linings installed in the bearings. Ebony asbestos barriers



were installed between the disconnecting switches at the back of the switch-board. Additional earth and gravel were placed on the dams.

At Elliott Chute generating station the turbine was completely overhauled, new gate bolts and link pins being installed, a crack in the draft tube liner repaired by welding, and the turbine and draft tube painted with red lead. Gravel and rip-rap were placed on the main dam. The oil breakers were inspected and burned contacts replaced. Work was done on the diverted roads around the storage basin.

Transformer and Distributing Stations

At North Bay distributing station No. 1, two bushings on the 22,000-volt oil breaker failed and were replaced. The breaker was overhauled, bushings replaced, and contact fingers replaced or adjusted. The roof was covered with two layers of felt and gravel.

At North Bay distributing station No. 2, the 22,000-volt lightning arrester and choke coils were inspected and minor repairs made.

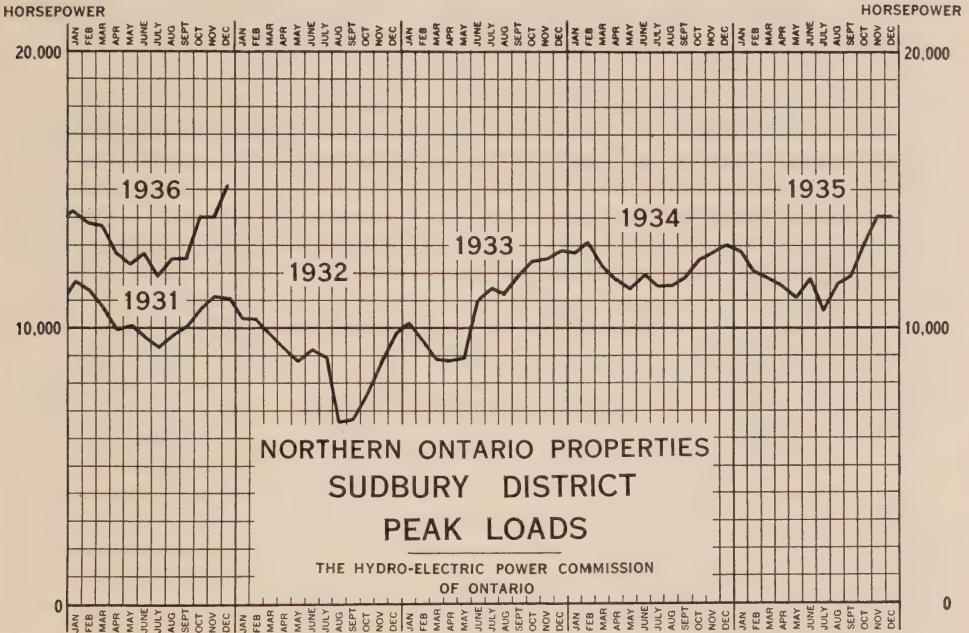
Transmission Lines

On the 22,000-volt lines 41 poles were stubbed, and sand-cresote collars applied to eleven. Inspection was made of insulators, insulator pins, crossarms, guys, and pole fittings, 223 insulators being replaced and other repairs made where required. A considerable number of the insulators replaced appeared

to have been broken by rifle bullets or stones. On the 2,200-volt line from Nipissing generating station to Nipissing village 16 poles were replaced.

Storage Dam

In order to store as much as possible of the spring run-off, and maintain stream flow at the generating stations throughout the summer and autumn, maintenance work was carried out at the dams at Braie, Craig, Clear, Gull and Surprise lakes, rock and earth-fill being placed on the dams, and new stop logs purchased and framed. Underbrush was cut on seventeen miles of road into Craig dam, culverts repaired and a corduroy section of the road rebuilt.



Sudbury District

River flow and water storage conditions in the Sudbury district were satisfactory throughout the year.

On July 24 McVittie generating station was removed from service and released to the Construction department for the reconstruction of the concrete headworks and the construction of a new main dam. This work was sufficiently completed to permit the return to service of the station on October 2. Deepening the tail race during the shut-down resulted in an increase in plant capacity of approximately 10 per cent.

On September 10 a fire occurred at the Stinson generating station, and all equipment was damaged to such an extent that the station had to be completely removed from service. Reconstruction of the station was undertaken immediately, and No. 2 unit was completely repaired and returned to service on October 15. Repairs to the remaining unit were completed and the unit returned to service on October 31. Following the fire, with both

McVittie and Stinson generating stations unavailable for service, it was necessary to curtail the power supply to certain customers in the district until September 20, when arrangements were completed for a temporary supplementary supply from the Espanola plant of the Abitibi Power and Paper Company.

During the summer the capacity of the line between Stinson and Coniston generating stations was increased by restringing with larger conductor, the original line having insufficient capacity to permit utilizing the full capacity of the Stinson generating station.

A new 6,000-kv-a outdoor-type distributing station was constructed at Sudbury, and was placed in service on August 11, replacing the old indoor-type station which was of obsolete design and had insufficient three-phase capacity.

Generating Stations

At Coniston generating station electrical equipment was inspected and necessary maintenance carried out. The coils of No. 2 generator were cleaned and painted with black glyptol. Three oil breakers were inspected and contacts adjusted. The gates on No. 2 turbine, which had been badly out of balance, were altered and a marked improvement in operating conditions was obtained. An oil pump, unloader valve and sump tank on No. 2 unit governor system, which were worn out, were replaced with spare equipment which had been in storage at the Big Chute generating station. The bracket for the upstream regulating shaft bearing in No. 3 turbine failed and was repaired, additional stiffening and supporting structure being installed. A new downstream runner for No. 3 turbine was purchased and held available in stock as a protection to service should the runner in service fail.

At McVittie generating station, during the shutdown for construction purposes, a general inspection was made and advantage taken of the shutdown to carry out certain maintenance work. All gates were removed and examined and 67 new gate-link bolts and three eccentric bolts were made. The interior of both penstocks and of No. 1 exciter flume were scraped, cleaned and painted.

At Stinson generating station extra supports were installed for the upstream regulating shaft bearings on No. 1 and No. 2 turbine. Repairs were made to the holes and cracks in the forebay wall.

Transmission Lines

Routine patrolling and maintenance was carried out during the year. Two poles broken by trucks were replaced. Insulators were tested.

Abitibi District

Generation

At the beginning of the fiscal year two 55,000-horsepower generating units were in service at Abitibi Canyon. During the year the installation of No. 3, 4 and 5 units was completed and these were released for service on December 18, 1935, January 28, 1936, and May 7, 1936, respectively. The generating capacity of the plant was thereby increased to 275,000 horsepower, but pending the installation of additional transformer capacity the output

Operation of the station throughout the year was satisfactory, equipment failures being confined to a few minor items which had no effect on service to customers.

Inspections, tests, and periodic overhauls of equipment were made according to schedule, and maintenance was largely confined to minor repairs and adjustments, the only exceptions of note being a complete overhaul of the three-phase, 1,500-kv-a service transformer, which was necessary to correct excessive vibration, and an abnormal amount of maintenance to the high-tension arresters, apparently necessitated by the extreme temperature changes to which they are subject at this location.

Transmission

On September 23, during a heavy wind and electrical storm, which was general over the district, all high-tension lines were subject to several short outages. These were followed in the case of the lines serving Ramore, Kirkland Lake, Larder Lake and Matachewan, by an outage of several hours duration when failure of a crossarm bolt on the Kirkland Lake-Matachewan circuit permitted the power and telephone conductors to come together. The time required to isolate and locate this failure was prolonged because an abnormal line set-up existed at the time which prevented quick sectionalizing, and because the fault occurred in the middle of a line section which traversed exceptionally rough country, demanding patrol on foot during the heavy storm.

On October 21 and 22 the high-tension lines serving Ramore, Kirkland Lake, Larder Lake and Matachewan were subject to a number of short outages due to a fall of heavy wet snow. After the snow had built up a heavy load on the telephone conductors it would drop off, and the sudden release of this load caused them to whip up within arcing distance of the power conductors.

Other than the above there were twenty-one automatic outages of high-tension circuits between Abitibi Canyon and Copper Cliff, seventeen of which were attributable to lightning, two to unknown causes and two to causes external to the lines.

There were eighteen automatic outages of the circuits from Abitibi Canyon to Kirkland Lake, Larder Lake and Matachewan, seven of which were attributable to lightning, six to high winds, one to an unknown cause and four to causes external to the lines.

On November 19, 1935, a newly completed section of single-circuit 132,000-volt wood-pole line between Blezard Valley junction and Falconbridge transformer station was tested and placed in service.

On December 1, 1935, a newly completed section of single-circuit 132,000-volt wood-pole line between Kirkland Lake and Larder Lake transformer stations was tested and placed in service.

During the summer a 132,000-volt single-circuit wood-pole line between Iroquois Falls and Kirkland Lake and a switching station near Kirkland Lake were constructed, so that two separate circuits between Abitibi Canyon and Kirkland Lake are now available. Besides increasing the transmission capacity to the Kirkland Lake area, the provision of this second circuit will greatly reduce the number of interruptions to customers' service necessary for maintenance or construction work.

Maintenance of transmission lines during the year was largely confined to replacement of damaged insulators, brush cutting on the right-of-way and treatment of wood poles at the ground line.

The usual inspections of towers, insulators, conductors and sky-wire were conducted, and a few minor repairs found necessary. In an effort to reduce the resistance from sky-wire to ground on the Timmins-Copper Cliff steel-tower line, high-resistance connections between sky-wire and towers were shunted with short lengths of conductor, and the footing-to-ground resistance of several towers was reduced by connecting buried lengths of copper conductor to the tower legs.

In an effort to prevent heaving of poles and towers due to frost action in heavy clay, several tower footings and the poles in the Blezard Valley switching station structure were dug out and backfilled with slag from the nickel smelters. This treatment appeared to be the most successful of several tried the previous year, but it is only practicable within reasonable hauling distance of the smelters.

Transformation

The operation of the transformer stations was satisfactory, and maintenance was confined to adjustments, repairs and improvements of a routine nature.

On November 19, 1935, a new 4,500-kv-a outdoor type, 132,000/27,200-volt station at Falconbridge was placed in service with two 1,500-kv-a transformers connected in open-delta. The third 1,500-kv-a transformer was connected, tested, and placed in service on December 1.

The capacity of the Timmins transformer station was increased by the replacement of the original 1,000-kv-a, 3-phase, 121,000/27,200-volt transformer, with three 1,500-kv-a, 132,000/27,200-volt transformers. On November 24, two of the new 1,500-kv-a transformers connected in open-delta were placed in service to carry part of the station load, the remainder being carried by the original transformer. On January 27, 1936, the third 1,500-kv-a transformer was connected and placed in service and the entire station load was transferred to the new bank. The oil circuit-breakers in the two low-tension feeders at this station were equipped with automatic reclosing features.

On December 21, 1935, a new 4,500-kv-a, outdoor-type, 132,000/27,200-volt station at Larder Lake was placed in service with two 1,500-kv-a transformers in open-delta. The third 1,500-kv-a transformer was connected, tested and placed in service on December 8.

During the year the International Nickel Company doubled the capacity of its high-tension station at Copper Cliff by the installation of a second bank of three 5,000-kv-a transformers, and also installed relaying equipment to permit receipt of power from Abitibi Canyon over two high-tension circuits in parallel.

At Matachewan transformer station a newly installed spare 1,500-kv-a transformer was tested and found satisfactory for service on March 8. The two low-tension feeders from this station, which were formerly tied together outside the station and fed through one oil circuit-breaker, were separated

on March 8, and the second feeder was connected to the station low-tension bus through a newly installed oil circuit-breaker with isolating disconnects.

At Kirkland Lake transformer station an oil circuit-breaker with isolating disconnects was installed between the low-tension side of the 28,500-kv-a transformer bank and the station low-tension bus, and was placed in service on December 1, 1935.

Distribution

On December 15, 1935, a pole-type, 100-kv-a distribution station, serving the municipalities of Ramore and Matheson, commenced operation, and on October 3, 1936, a pole-type, 25-kv-a distribution station serving domestic consumers in Hislop town site was placed in service.

Operation of low-tension feeders and distribution stations was satisfactory and maintenance was confined to routine items.

New low-tension feeders were placed in service as follows:—A short 26,000-volt feeder from Falconbridge transformer station to Falconbridge Nickel Mines on November 19; 3.5 miles of 26,000-volt feeder between Timmins transformer station and Paymaster Consolidated Gold Mines on November 24, 1935; a short 26,000-volt feeder from Larder Lake transformer station to Omega Gold Mines on December 1, 1935; a short 26,000-volt tap feeder from the Bidgood feeder to Glenora Gold Mines on May 11, 1936; an extension of the Bidgood Kirkland Gold Mines feeder to Moffatt Hall Gold Mines on June 26, 1936; 1.3 miles of 26,000-volt feeder from Kirkland Lake transformer station to Kirkland Gold Rand on July 21, 1936; and 2.5 miles of 26,000-volt feeder from Paymaster Gold Mines to Preston East Dome on September 30, 1936.

Espanola District

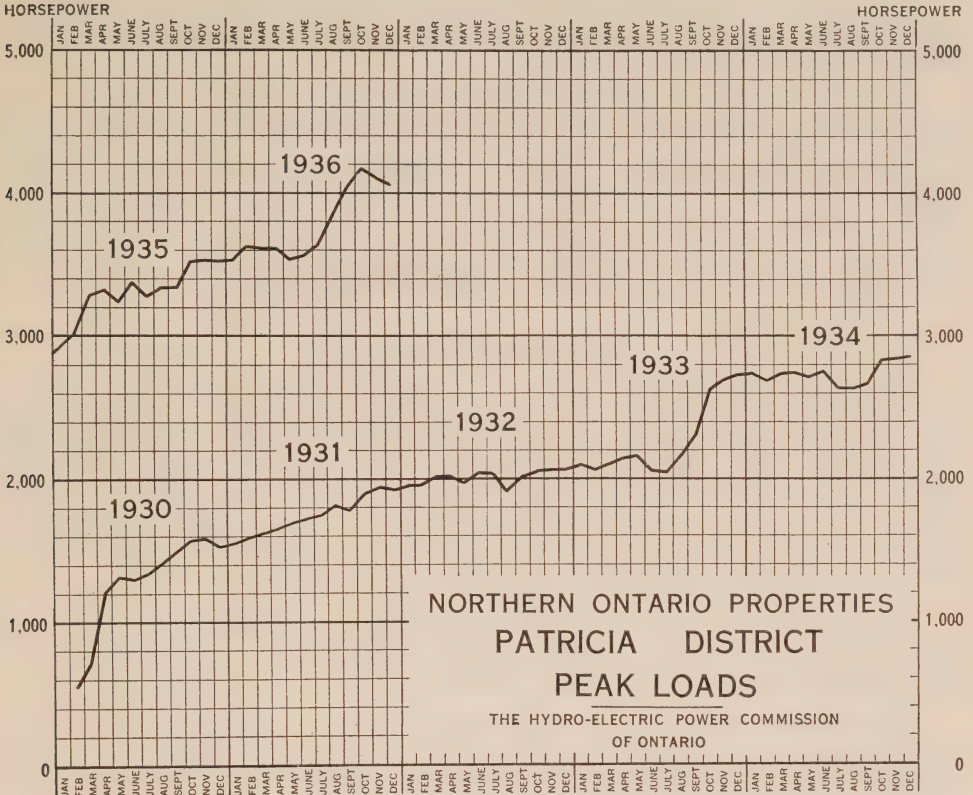
Until September 15, 1936, there were two major interruptions to the McMillan Gold Mine to permit repairs to the Abitibi Power and Paper Company's turbine equipment at Espanola. From September 15 to October 31, the McMillan Gold Mine was subjected to sixteen service interruptions, which were necessitated by preparations for, and operation of, a supply of emergency power to the Sudbury district from Espanola, via a temporary transmission circuit which was tied into the Espanola-McMillan circuit at the Espanola plant.

The Commission's transmission line was patrolled periodically and only minor items of maintenance were required.

Patricia District

The generating and transformer station at Ear Falls on the English river operated satisfactorily throughout the year. The load on the system was higher, the energy generated and the year's peak increased 19 per cent, while the average monthly peak increased 15 per cent over 1935.

No additional customers were added to the system during the year, but the Red Lake Gold Shore Mines brought its mill into production in September, resulting in a considerable increase in load. This customer's substation was placed in service at 44,000 volts on July 5, power being supplied over a short section of transmission line connected to the McKenzie



Red Lake Gold Mines line. It had previously been supplied at 2,300 volts from the Howey Gold Mines.

An additional bank of three 750-kv-a transformers, together with necessary connections, was placed in service at Ear Falls on July 6.

Routine maintenance work was done on all electrical and hydraulic equipment throughout the year. The circulating oil pump on the generator failed in service on June 18, resulting in an interruption of 1 hour and 53 minutes. By arrangement with the customers the generating unit was shut down for a period of 31 hours on July 5 and 6 for special inspection and repairs. A new oil pump was also installed at this time.

Work was begun on the second generating unit at Ear Falls generating station. On October 25 an interruption of 16 hours was arranged in order to allow the placing of a coffer dam across the tail race for construction purposes.

The 44,000-volt transmission line, which is owned by the Howey Gold Mines Limited, functioned satisfactorily throughout the year and was operated and maintained for the Company under the same cost arrangement as in previous years. There were six outages of this circuit during the season due to lightning. No permanent damage was done to the line during any storm, and it was ready for immediate resumption of service.

The flow in the English river was regulated and controlled by means of the Lac Seul conservation dam at Ear Falls as required by the Lake-of-the-Woods Control Board.

The precipitation in the vicinity of Ear Falls was below normal, about 18 inches being recorded. The elevation of Lac Seul has steadily risen during the year to a high point of 1,170.2 as compared with the previous year's high level of 1,168.9. A relatively large river flow was permitted, but this was of necessity governed to some extent by the plant and system load conditions, which required a maximum head being maintained to secure the most efficient operation and output of the generating unit.

St. Joseph District

The generating and transformer station at Rat Rapids on the Albany river operated satisfactorily throughout the year. The load on the system has increased but comparisons between 1936 and 1935 should take into consideration the fact that the plant was in operation only seven months in 1935. The average monthly energy generated was 38.7 per cent greater and the average monthly peak was 26.4 per cent greater than the previous year. The yearly peak shows an increase of 30 per cent.

On December 15, 1935, a voltage regulator was installed on the generator and new shunt field coils were installed in the exciter. The installation of this regulator improved the quality of service given to the customers.

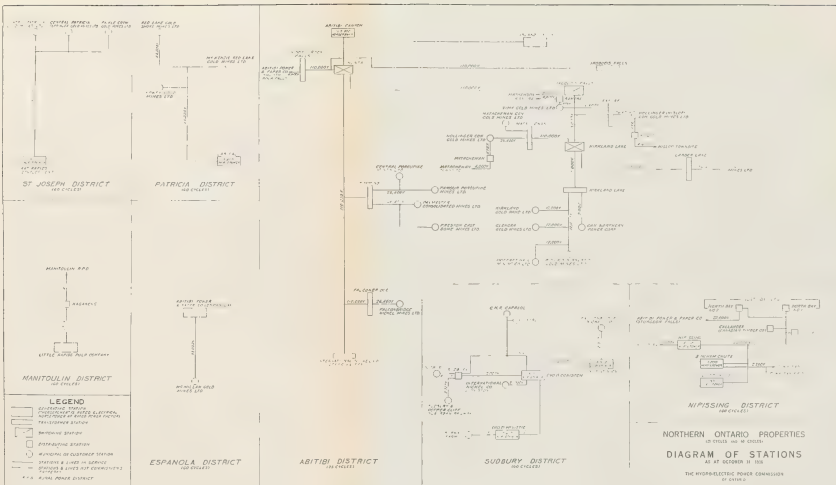
Considerable trouble was experienced with the belt drive to the exciter. On two occasions, February 4 and September 13, the belt failed in service, resulting in interruptions of 1 hour 41 minutes and 37 minutes respectively. Pulleys with wider faces were installed and a wider belt is being held in readiness.

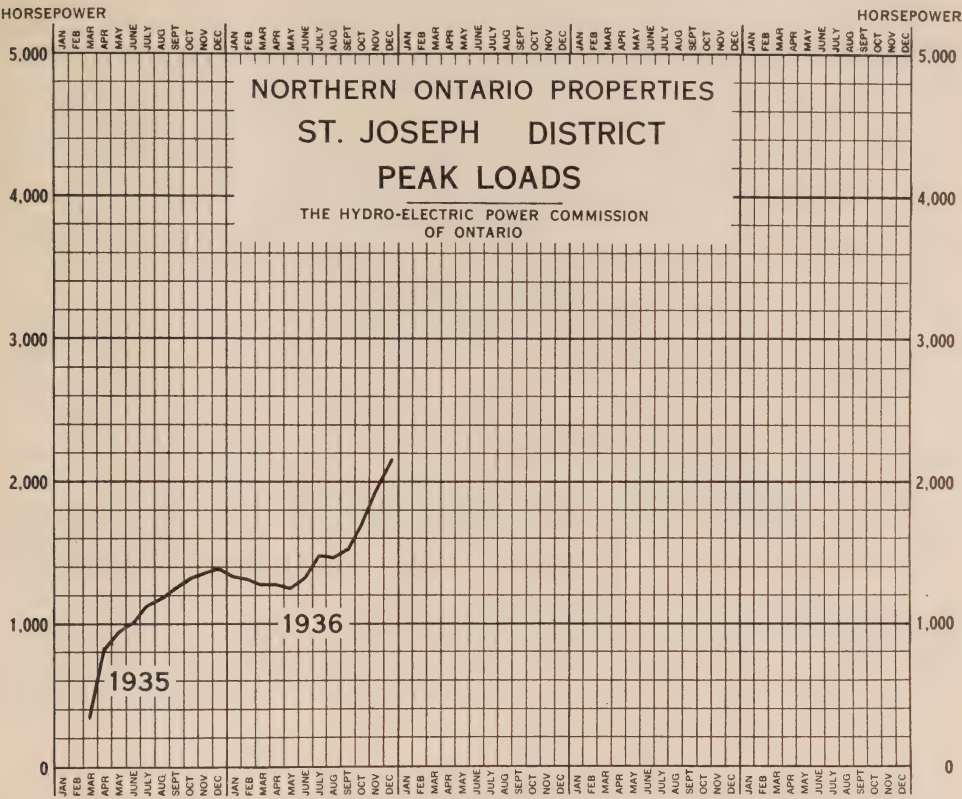
An additional generator rated at 1,750 horsepower and a bank of three 500-kv-a transformers were placed in operating service at Rat Rapids generating station on October 8. Subsequent to this the No. 1 unit was inspected and overhauled where necessary.

The 22,000-volt single-circuit transmission line between the generating station and the mining customers functioned satisfactorily. There were four outages of this circuit during the season due to lightning, but no permanent damage resulted and the line was ready for immediate resumption of service. Due to the character of the muskeg through which this line passes it has been necessary in some sections to install additional guying and braces to the poles.

During July the area around Rat Rapids was menaced by forest fires. The Springer station of the Central Patricia Mines was not in service at this time, and in order to avoid unnecessary interruptions to the other stations the 22,000-volt line tap to this station was disconnected. This was reconnected on October 9.

The precipitation in the vicinity of Rat Rapids was relatively low, approximately 18 inches being recorded. The elevation of lake St. Joseph on October 31 was 1,225.42 as compared with 1,226.33 on the same date in 1935.





NORTHERN ONTARIO PROPERTIES—LOADS OF MUNICIPALITIES, 1934-35-36

| Municipality | Peak load in horsepower | | | Change in load 1935-36 | |
|--------------|-------------------------|-----------|-----------|---------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |

NIPISSING DISTRICT

| | | | | | |
|----------------|---------|---------|---------|-------|-------|
| Callander..... | 198.5 | 200.7 | 202.7 | ..... | 2.0 |
| Nipissing..... | 3.0 | 3.0 | 3.0 | ..... | ..... |
| North Bay..... | 3,087.1 | 3,215.1 | 3,297.3 | ..... | 82.2 |
| Powassan..... | 103.0 | 120.4 | 134.1 | ..... | 13.7 |

SUDBURY DISTRICT

| | | | | | |
|--------------|---------|---------|---------|-------|---------|
| Capreol..... | ..... | 132.0 | 155.5 | ..... | 23.5 |
| Sudbury..... | 3,807.0 | 4,505.3 | 5,764.1 | ..... | 1,258.8 |

**NORTHERN ONTARIO PROPERTIES—LOADS OF MUNICIPALITIES, 1934, 1935,
1936—Concluded**

| Municipality | Peak load in horsepower | | | Change in load 1935-36 | |
|--------------------------|-------------------------|-----------|-----------|---------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| ABITIBI DISTRICT | | | | | |
| Matachewan Townsite..... | | 51.6 | 78.1 | ..... | 16.5 |

ABITIBI DISTRICT—LOADS OF NEW MUNICIPALITIES

| Municipality | Date connected | Initial load | Oct. 1936 | Change in load | |
|-------------------------------|-------------------|-----------------|-----------|----------------|----------|
| | | | | Decrease | Increase |
| Ramore-Matheson Townsite..... | Dec. 15, 1935 | 44.5 | 65.5 | ..... | 21.0 |
| Hislop Townsite..... | Oct. 3, 1936 | 8.0 | 8.0 | ..... | ..... |

**NORTHERN ONTARIO PROPERTIES—LOADS OF RURAL POWER DISTRICTS,
1934-35-36**

| Rural power district | Peak load in horsepower | | | Change in load 1935-36 | |
|----------------------|-------------------------|-----------|-----------|---------------------------|----------|
| | Oct. 1934 | Oct. 1935 | Oct. 1936 | Decrease | Increase |
| North Bay..... | 100.5 | 72.0 | 117.6 | ..... | 45.6 |
| Powassan..... | 3.0 | 3.3 | 9.0 | ..... | 5.7 |

SECTION III

MUNICIPAL WORK

The Commission acts in an advisory capacity to the municipalities with which it has contracts, and assists the municipal officials to purchase, construct or extend distribution systems. As provided under *The Power Commission Act*, all rate adjustments are approved by the Commission, therefore a study of the operating conditions of all utilities is made annually and adjustments recommended.

In rural power districts, the Commission on behalf of the township corporations operates the rural power systems, and distributes electrical energy to the customers of the respective corporations in all such rural power districts.

NIAGARA SYSTEM

In the Niagara system load increases were recorded in 136 out of a total of 166 municipalities and in 84 out of 87 rural power districts. The aggregate average load supplied to municipalities and other customers on this system during the year 1936 increased substantially.

Engineering Assistance to Municipalities

General engineering assistance was given to practically all municipalities in the Niagara system respecting the operation and management of their local Hydro utilities.

Certain municipalities received special engineering advice and assistance, which are more fully referred to below:

Aurora—A survey of the distribution system was made, and recommendations regarding necessary changes to bring the construction up to standard were given.

Baden—Three 75-kv-a. transformers, with a new structure, were installed to serve an industry which changed its supply from 4,000 to 550 volts.

Beamsville—A valuation of the 66 2/3-cycle distribution system was made. The municipality is considering its purchase and proposes entering into a contract with the Commission for a supply of 66 2/3-cycle power on a cost basis.

Brampton—The distribution system was changed from 2,200 volts to 4,100 volts. The engineering features in connection with the change-over were designed by the Commission.

Brantford—The work of transferring the domestic and commercial customers from the 66 2/3-to 25-cycle circuits was commenced. When completed, this change will permit the removal of a number of duplicate lines.

Essex—To supply increased load to a canning factory, additions to the distribution system were made and three 50-kv-a., 2,300/230-volt transformers installed.

Exeter—The Exeter waterworks system has changed from unfiltered river water to spring water. Arrangements have been made to supply 15 horsepower for pumping at the springs about one mile northeast of the village, and to serve a 15-horsepower pump in a new pumping station in the village.

Fergus—A second 4,000-volt primary line was constructed from the substation to a large manufacturing plant, to take care of increased load and to allow for more flexible operation.

Georgetown—An ornamental street-lighting system was installed in the business section of the town and poles were removed from the main street. Service is given to consumers from the rear of the buildings.

Galt—Two 13,200-volt substations serving power consumers were modernized by the installation of outdoor switching equipment, and metal-clad secondary equipment was installed in one.

Approximately 6,000 feet of underground street-lighting cable was replaced. A section of 4,000-volt lighting primary was placed underground.

One new manufacturing load of about 150 horsepower was secured and an addition to a plant added a further 150 horsepower load.

Hamilton—Domestic and commercial customers formerly served from the overhead lines of the 66 2/3-cycle system, were completely changed over to 25-cycle service. This will complete the transfer to 25 cycles for the present time. There remains to be changed only the underground systems supplying commercial consumers in the downtown area, which for the present is held in abeyance.

Kitchener—Lighting and street-lighting distribution in the new Westmount area was completed. All lighting services are at the rear of the buildings, all poles having been removed from the streets.

Seventy ornamental street-lighting standards, each with one 500-watt unit, and twenty-four two-light standards with two 500-watt units were installed, all served by a total of 17,000 feet of underground steel-armoured, lead-covered, single-conductor, series, street-lighting cable. Two 60-kw series, street-lighting transformers were purchased and installed to supply the additional equipment.

Lambeth—The police village installed a new street-lighting system, using suspension lights over the centre of No. 2 and No. 4 highways. The main streets of the village have sixteen 300-watt, 120-volt multiple units.

Leamington—In order to supply increased demand for power in a manufacturing plant, the consumer constructed a sub-station of 750-kv-a

capacity to take delivery of power at 26,400 volts and transform it to 4,000 volts for distribution throughout the plant and to the pump house situated on the shore of lake Erie.

London Township Voted Area—Because of increased activity in home building immediately north of the city of London, a primary circuit was extended through a new subdivision to the banks of the Thames river. An initial load of 25 horsepower has been connected to this circuit northwest of the river by the London Hunt Club, for watering the greens and fairways of the golf course.

Mount Brydges—A London manufacturer has taken over the building of the former Crowe Automobile Company, which has been vacant for a number of years. A primary extension was built to serve this customer with 50 horsepower for woodworking machinery and lighting.

Palmerston—In conjunction with the widening of Main street, forty ornamental street-lighting standards were installed. The opening of the new pavement and the turning on of the street lights were suitably celebrated on October 8. Rebuilding of the distribution system was continued.

Port Rowan—The Walsingham rural power district was converted to 8,000 volts, necessitating the installation of transformers at Port Rowan for the purpose of transforming power supplied to this village from 8,000 volts to 4,000 volts.

Riverside—The Riverside Hydro-Electric Commission established its office in the town of Riverside and appointed its own staff. It commenced operating the system on July 20, 1936. The system was formerly operated by the Walkerville Hydro.

St. Catharines—An improvement in distribution has been made by re-arrangement of the 12,000-volt circuits and the sale to the municipality of the Carleton street line, thus providing a loop circuit around the city.

St. Clair Beach—St. Clair Beach Hydro-Electric system had been operated by Walkerville Hydro since its inception. The operation was taken over by Tecumseh Public Utilities Commission when an office was opened in Tecumseh July 20, 1936.

St. Thomas—In order to obtain added security to the service, an underground 15,000-volt, 250,000-circular-mil copper, three-conductor, paper-insulated, lead-covered cable with double steel-tape armouring, was installed between the municipal main distribution station and the Commission's St. Thomas transformer station. A No. 0 copper ground wire, attached at intervals to the lead and steel sheath, was installed in the trench and grounded at each end to the two station grounds. This is to prevent corrosion from D.C. railway 1,500-volt stray current.

Strathroy—The Public Utilities Commission moved to larger and better office quarters on the south side of the main street during the year, and installed modern up-to-date lighting equipment.

Tecumseh—The Tecumseh Public Utilities Commission established its office in the town and appointed its own staff. It commenced operation on July 20, 1936. The system was formerly operated by the Walkerville Hydro.

Toronto Township—A section in the western part of the Toronto Township system was transferred to a new substation constructed by the Commission near Clarkson.

Windsor—The municipalities of Windsor, Walkerville, Sandwich and East Windsor were amalgamated July 1, 1935. A new power agreement, effective January 1, 1936, was made by the Commission with the new city of Windsor. The loads supplied were billed on one composite peak, commencing January 1, 1936. Although the staffs of the four municipalities were not completely merged until the week of July 20, 1936, the records of operation as one system were consolidated from January 1, 1936.

Woodstock—A new 13,200/2,300-volt substation of 1,500-kv-a capacity was installed by the local system and the conductor in the west portion of the 13,200-volt ring-feeder bus was increased to No. 0 copper, in order to take care of new 2,000-horsepower industrial load in the northwest part of the city.

GEORGIAN BAY SYSTEM

No large extensions to equipment were made on this system during the year; there was however a substantial increase in load taken, both by municipalities and rural power districts. The Commission has a reciprocal arrangement with the town of Orillia respecting power supplies. During 1936 supplementary power was secured from the generating plants owned by the town of Orillia. During the previous year a large block of power was supplied by the Commission for a short term to the town of Orillia, pending completion of its Minden development.

There was an increase in yearly average loads taken in 44 out of a total of 59 municipalities and in 35 out of a total of 46 rural power districts. The increase in the average system load sold was approximately 5 per cent. as compared with the previous year.

Studies were made regarding additional generating, transformation and transmission equipment for this system.

Assistance and general engineering advice was given by the Commission to the various municipalities comprising the Georgian Bay system, in connection with the operation of their local distribution systems.

Special engineering advice and assistance was given to the following municipalities:

Coldwater—Studies were made and recommendations submitted covering the complete rehabilitation of the local distribution system and the installation of special street lighting equipment on the main street.

Huntsville—Plans were prepared and submitted covering the reconstruction of the local distribution system and the installation of ornamental street lights on the main street of the town.

EASTERN ONTARIO SYSTEM

In the Eastern Ontario system a general increase in load continued throughout the year. Load increases were recorded in 42 out of a total of 49 municipalities and in 33 out of a total of 35 rural power districts. In July, owing to very low water conditions on the Trent Canal system, there was a shortage in the necessary amount of electrical energy available to meet the requirements in the Central Ontario district. In order to meet this shortage a supply of 60-cycle power was obtained from the Niagara system

by a connection made through the Chats Falls frequency-changer set and the use of one of the 220,000-volt transmission lines from Chats Falls to a point near Norwood.

All the requirements for firm power by the municipalities and customers of this system were met without increasing the amount of power already provided for, for the year, in the agreement with the Gatineau Power Company.

General engineering advice and assistance were given by the Commission to nearly all the municipalities served by this system.

Certain municipalities received special engineering advice and assistance in connection with the following items:

Bowmanville—The Bowmanville Public Utilities Commission purchased an office building on the main street. It was first occupied on October 14, 1936.

Cobourg—The Commission approved the purchase of a site and the construction of a combined stores and office building by the Cobourg Public Utilities Commission. The building will be ready for use early next year.

Napanee—Early in the year work was completed on a second 4,000-volt feeder from the substation to the town to take care of the increased load and to improve voltage conditions.

Newcastle—Estimates and data were submitted to the Newcastle Council with regard to the purchase of the local distribution system from the Commission. By-laws will be submitted to the electors on January 4, 1937.

Peterborough—The increase in the industrial and lighting load has been marked and this year the number of flat rate heaters installed reached a total of over 1,000. The city's load for the first time in its history exceeded 8,000 horsepower. This increased load necessitated considerable increase in the transformer capacity of the city's substation.

Stirling—The municipality's new underground street-lighting system was completed during the year and has greatly improved the appearance of the village.

THUNDER BAY SYSTEM

This system has experienced the most successful year in the history of its operation, due chiefly to the power requirements of gold mining operations in the Sturgeon river and Little Long Lac area as well as to increased production in the pulp and paper industry. The total average primary load sold by the system increased by approximately 9.6 per cent. over the previous year. The maximum system twenty-minute peak of primary power was approximately 19.3 per cent. greater than during the previous year. The increase in the peak demand over the previous year in primary power supplied to the mining load exclusively was approximately 82 per cent., and to the pulp and paper industry exclusively was approximately 34 per cent. In addition to a large increase in the power demand of the two mining companies served, two new mining properties were connected to the system. Negotiations were also conducted with several other mining properties.

The transformer station at Cameron Falls, supplying the mining load, was increased from 1,200 kv-a to 4,500 kv-a. Negotiations were carried on for the purchase, by the Commission, of the 90-mile transmission line between Cameron Falls and Little Long Lac, jointly owned by The Northern Empire and Little Long Lac Mining Companies. A new 110,000-volt transmission line between Cameron Falls and Little Long Lac was partially completed.

As the total system generating plant capacity was insufficient to supply the entire requirements of both primary and secondary power customers, due to the increase in firm power load reducing the amount available for secondary power supply, a large block of power was purchased from the Kaministiquia Power Company and utilized to supply the requirements of the secondary power customers.

Further studies were made concerning power rate reduction to the pulp and paper industry, and at the close of the year new rates were authorized and placed in effect. Customers formerly supplied at \$21.00 per horsepower per annum for 110,000-volt service were given a rate of \$18.00 per horsepower per annum and customers formerly supplied at various rates for 22,000-volt service were given a rate of \$19.50 per horsepower per annum. Reduced resale rates for domestic and commercial lighting and power customers in Port Arthur, Fort William, and Nipigon village were authorized and placed in effect during the year.

General engineering advice and assistance with respect to operation of local distribution systems was given to the cities of Port Arthur and Fort William, also the village of Nipigon.

MANITOULIN RURAL POWER DISTRICT

No extensions were made to this distribution system, but a number of new customers were added to the existing lines. There was also an increase of about 20 per cent. in both the peak load and the average yearly load of the district. Further studies were made concerning power supply to the town of Little Current and the hamlets of Sheguindah and Manitowaning.

NORTHERN ONTARIO PROPERTIES

The Northern Ontario Properties cover various areas in the northern part of the Province in which power developments and transmission and distribution systems are operated by the Commission on behalf of the Provincial government, as distinct from the other systems operated by the Commission, on a cost basis, on behalf of the municipalities. The power utilized in this area is taken chiefly by mining properties. At the close of the year power was being supplied to two cities, three towns and villages, five hamlets and townsites, two rural power districts and to thirty other customers, for mining purposes. Very substantial increases in power demands were recorded in both the municipal as well as the mining loads, the increase in loads for mining purposes being approximately 33 per cent. over the previous year.

Engineering advice and assistance relative to power supply from the Commission was given to the town of Sioux Lookout and estimates were prepared covering the cost of a generating plant, transmission lines and transformer station necessary for that purpose.

The activities in the various districts comprising the Northern Ontario Properties are described in detail under each separate district in the following paragraphs:

Nipissing District

This district covers the area lying east and north of lake Nipissing and is served from a group of three small hydro-electric developments on the South river. The loads in this district remained fairly constant throughout the year.

Sudbury District

This district comprises the area in and adjacent to the city of Sudbury served by a group of three developments on the Wahnapiatae river. In addition to the city of Sudbury and the town of Capreol, power is supplied to the International and Falconbridge Nickel Companies. Load growth in this district was quite pronounced, due largely to the increased demands of the city of Sudbury.

Studies were made during the year to provide additional generating plant capacity to meet increasing loads. The reconstruction of the transformer station at Sudbury, commenced last year, was completed and the capacity increased by the addition of a new bank of three 1,000-kv-a transformers, making the present total station capacity 6,000 kv-a.

Engineering advice and general assistance was given to the local Commissions in Sudbury and Capreol, covering the operation and management of their respective distribution systems.

Abitibi District

This district comprises the territory served by the transmission lines originating out of the Abitibi Canyon development and includes the mining areas between Sudbury and Timmins, and lying west of and adjacent to the Ontario-Quebec interprovincial boundary. There was a pronounced load increase in this district during the year, partly on account of the additional demand of existing customers and partly due to the demand of new mining properties connected during the year. The average load sold during the year was approximately 46 per cent greater than that sold during the previous year.

Three new 4,500-kv-a transformer stations, the construction of which was commenced last year, were completed and placed in operation during the year at Timmins, Falconbridge and Larder Lake, and a new 4,500-kv-a transformer station was designed and partially constructed at Pamour. This station will be completed and placed in operation early in 1937.

A new 110,000-volt transmission line, 56.75 miles in length, was constructed and placed in operation between Iroquois Falls and Kirkland Lake. This new line parallels the existing circuit and enables the Commission to give duplicate transmission service as far as the latter point. The construction of 8.15 miles of new 110,000-volt transmission line was commenced and partially completed in the Porcupine area and will be utilized to feed the new Pamour station as soon as the latter is placed in operation. Three new 26,400-volt branch transmission lines, having a total length of 11.11 miles, were constructed and placed in operation in the same area to serve three

new mining properties, and three new 12,000-volt branch transmission lines having a total length of 2.61 miles, were constructed and placed in operation in the Kirkland Lake area to serve three new mining customers.

Most of the mining properties, both in the production and prospect stages, situated in the Porcupine, Kirkland Lake, Matachewan and Larder Lake areas were visited, and their local and executive staffs contacted at various times during the year with respect to their power supply for present and future requirements. As a result, several new power contracts were obtained and others are in prospect.

New distribution systems, partially constructed last year, were completed and placed in operation at the hamlet of Ramore and the town of Matheson. A new distribution system was constructed and placed in operation at the townsite of Hislop, in Hislop township, and a new distribution system was designed and partially constructed at King Kirkland townsite. This will be completed and placed in operation early in 1937.

Special engineering advice and assistance was given to the town of Timmins and to Teck township in respect to the townsite of Kirkland Lake.

Espanola District

This district covers the area adjacent to and within transmission distance of the Abitibi Power and Paper Company's power development at Espanola, from which source the Commission purchases power for supplying the mining properties in the district. At the present time only one mine is being served; there are, however, a number of properties in the development stage which have been furnished with information and contacted with respect to power supply.

Patricia District

This district includes that portion of the district of Patricia which can be reached by the transmission lines originating out of the Commission's Ear Falls development on the English river at the outlet of lac Seul. A considerable load increase has been recorded due to a new gold mine going into production. Three new firm power contracts were secured and provision was made for enlarging the generating plant to accommodate a second generating unit. When this new unit is placed in operation, probably in the summer of 1937, the present generating plant capacity will be doubled and will approximate 10,000 horsepower.

A power survey was made during the year of most of the prospective mining developments in the Red Lake mining area, the various mining properties were visited and the local and executive staffs contacted for the purpose of ascertaining their future power demands.

St. Joseph District

This district includes the territory which it is possible to serve by transmission lines originating out of the Rat Rapids development on the Albany river at the outlet of lake Joseph. Two mining properties are served at the present time. During the year new power contracts were executed with these companies and a second generating unit was installed at the development, increasing the capacity from approximately 1,000 to 3,000 horsepower. An additional power contract was secured with a third mining property and arrangements were made for delivering power early in 1937.

MUNICIPAL HYDRO UTILITIES

TWENTY-FIVE YEAR RECORDS

THE Hydro utilities of Ontario municipalities which are partners in the several systems of the Commission have a noteworthy record of successful achievement. Under the guidance of the Commission and with the benefit of service given by public-spirited citizens acting as commissioners and in other capacities, the local electrical utilities, whether organized as strictly "Hydro" systems or as branches of local public utilities, have built up through the years strong local distribution organizations in excellent financial strength with ample reserves and with rates for service at most attractive levels.

Many Hydro utilities now have records extending back for more than twenty-five years and it is therefore a fitting time to present a review of some of the achievements of the local systems. On the following pages are presented summary reviews of six Hydro utilities selected from those which have been in operation for a period of twenty-five years or more. The records presented relate to the Hydro utilities of the cities of London, population 75,484, and Woodstock, population 10,936; the towns of Preston, population 6,287, and of Hespeler, population 2,877; and the villages of New Hamburg, population 1,456, and Waterdown, population 912.

For each utility there is given a brief statement outlining its history, a summary of its present financial position, a table of the present charges for service for a few representative demands and consumptions, and a number of graphs showing the growth of the utility during the past twenty-five years.

Owing to the large variation in size of municipality, the scales employed for the graphs necessarily differ for each utility but certain methods have been followed to make them as uniform as possible. For each individual utility, the scales employed for the assets and liabilities are of course the same. It will be noted that for many years, the liabilities with minor fluctuations have remained more or less stationary or have actually been declining, the increased plant having been financed out of surplus, etc., and the original investment being under liquidation by the operation of sinking funds. For each municipal utility, the scales of horsepower and population bear a definite relationship to each other, being $\frac{1}{2}$ horsepower per capita for the same vertical height from zero. It will be noted for example, that in Hespeler the power taken has exceeded $\frac{1}{2}$ horsepower per capita since 1931, whereas, in London it has remained slightly below this amount, even in recent years. The character of the predominating industry has an important bearing on the average horsepower used per capita.

On each plate the four graphs showing revenue from various sources are to the same scale which, for any given municipality, enables a direct comparison of the several sources of revenue to be made. It will be noted that in most cases, revenues for domestic service, especially during the latter half of the period, have been of growing importance and in many cases, the chief source of income.

The graphs on the right hand side under domestic and commercial light service, clearly show the influence of increased consumption on average cost per kilowatt-hour.

LONDON—Population 75,484

THE PUBLIC UTILITIES COMMISSION

The city of London was one of the municipalities which took an active part in the discussions and investigations preceding the formation of the Hydro undertaking; being one of the seven which, in 1903, appointed the Ontario Power Commission—an investigating Commission which led to the Power Commission Act of 1906-7, and to the creation of The Hydro-Electric Power Commission of Ontario. It was also one of the first dozen municipalities to pass by-laws authorizing its city council to make a contract for power with the Commission.

Progressive management has characterized the operation of the London Hydro utility. It started the first Hydro shop in 1911. Although an old established community, there are 7,500 electric ranges distributed amongst a total of 15,000 homes and approximately 4,500 flat-rate water heaters are in service. The local Commission is equipped to take care of installation and maintenance work for its customers and maintains a stock of motors to replace or augment customers' equipment in an emergency. London has in operation the first low-voltage network system in Canada, giving uninterrupted service at lower cost than the old distribution system. In the downtown area, the distribution network is underground.

With the close of the twenty-sixth year of operation, the utility's total assets are \$6,051,459; the total liabilities \$914,295; the reserves and surplus \$5,137,164. The percentage of net debt to total assets is only 11.1; in other words, eight-ninths of the total local distribution plant is already debt free.

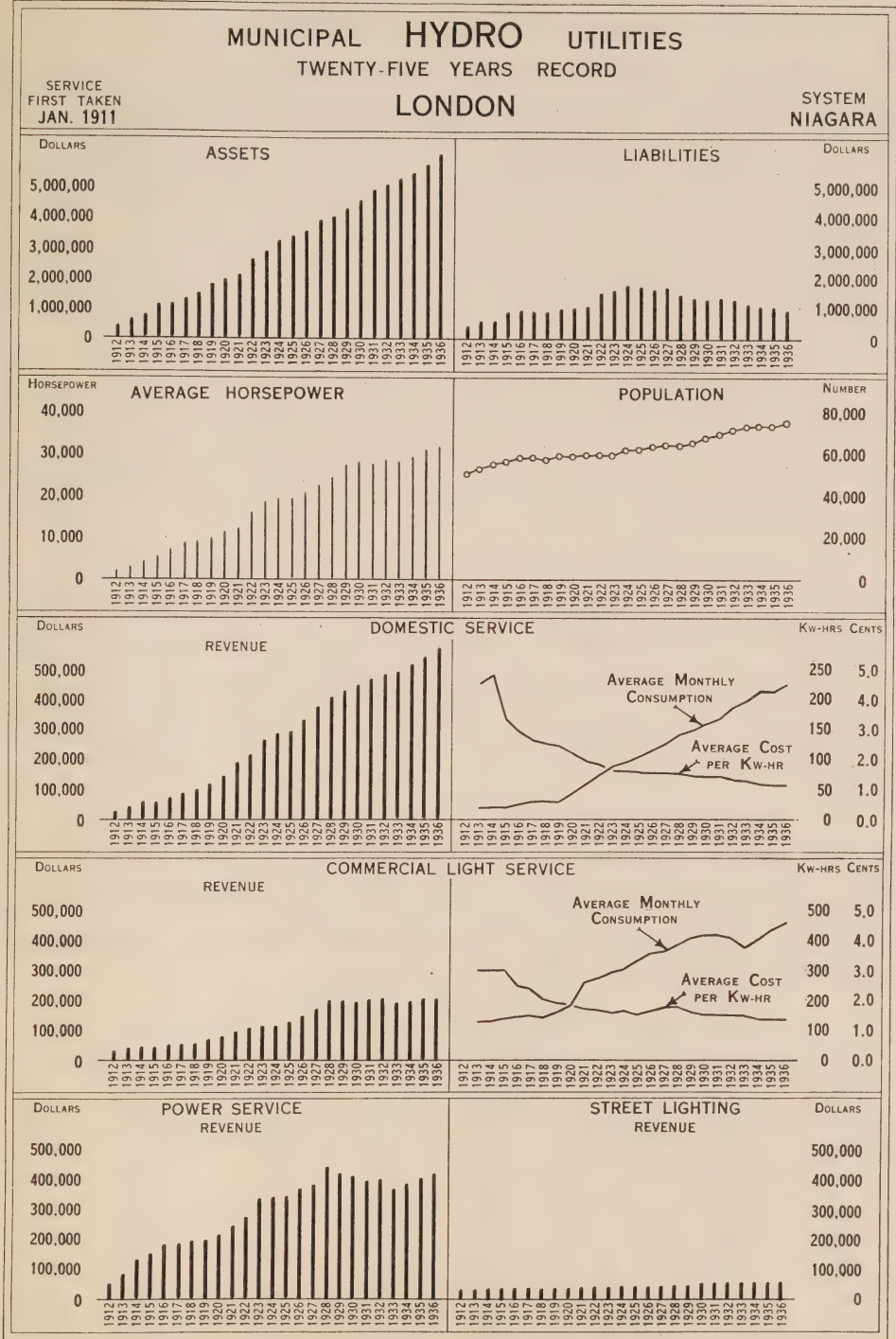
Included with the assets and with the surplus above noted is an amount of \$1,719,351 which represents the sinking fund equity of the local Hydro utility in The Hydro-Electric Power Commission's Niagara system. This has been accumulated as part of the annual cost of power paid to the Commission.

On the diagram facing this page a graphical presentation is given of the progress made by the London Hydro utility during the past twenty-five years. Throughout this period, the customers of the London utility have enjoyed favourable rates for service. The present cost of service to consumers, for a few representative billing demands and energy consumptions, is given in the tabulation below.

PRESENT COST OF SERVICE
Monthly Bills for Representative Demands and Consumptions

| Domestic service | | Commercial Light service | | | Industrial Power service | | |
|--------------------|--------------|--------------------------|--------------------|--------------|--------------------------|--------------------|--------------|
| Energy consumption | Monthly bill | Billing demand | Energy consumption | Monthly bill | Billing demand | Energy consumption | Monthly bill |
| kw-hrs | \$ c. | kw | kw-hrs | \$ c. | kw | kw-hrs | \$ c. |
| 25 | 0.75* | 1 | 50 | 1.31 | 3 | 150 | 4.44 |
| 40 | 0.90 | 1 | 150 | 2.34 | 3 | 375 | 5.73 |
| 60 | 1.35 | 3 | 150 | 3.92 | 6 | 375 | 9.44 |
| 100 | 1.71 | 3 | 375 | 6.75 | 6 | 750 | 11.44 |
| 150 | 2.16 | 6 | 375 | 9.12 | 12 | 750 | 18.86 |
| 250 | 3.06 | 6 | 750 | 13.50 | 12 | 1,500 | 22.87 |
| 500 | 5.31 | 12 | 750 | 18.23 | 30 | 3,000 | 55.49 |
| ..... | ..... | 12 | 1,500 | 27.00 | 30 | 6,000 | 62.18 |
| ..... | ..... | 30 | 3,000 | 64.80 | 60 | 6,000 | 110.97 |
| ..... | ..... | 30 | 6,000 | 75.60 | 60 | 15,000 | 131.03 |

*Minimum bill.



WOODSTOCK—Population 10,936**PUBLIC UTILITIES COMMISSION**

Woodstock's interest in electric power antedates by many years the initiation of Hydro service. The first plant was established in 1884 in the Wood-Mosaic office. In 1891 it was taken over by a local firm, Patrick and Powel, and moved to Young street. The amount of power used by the city at this time was about 125 horsepower. In 1901 the city purchased the plant of 125 horsepower for the sum of \$14,000 and operated it for about a decade, making such additions as the small growth in load demanded. In 1911 Woodstock became a co-operating partner in the Niagara system of The Hydro-Electric Power Commission and since that time, its Hydro utility has shared in the growth which has characterized the Hydro undertaking as a whole.

Prior to 1936, Woodstock had four firms using 200 horsepower, two using over 400 horsepower. In 1936 the Firestone Cotton Mills of Canada inaugurated a plant in Woodstock and became the largest user of power in the city, with an installation of some 2,000 horsepower. The initial load of about 600 horsepower exceeds the total power supplied by Woodstock's electrical plant in 1911.

With the close of the twenty-sixth year of operation, the total assets of the Hydro utility of Woodstock are \$818,030; the total liabilities \$51,208; the reserves and surplus \$766,822. The percentage of net debt to total assets is only 2.9; in other words, the local distribution plant is nearly debt free.

Included with the assets and with the surplus above noted is an amount of \$283,390 which represents the sinking fund equity of the local Hydro utility in The Hydro-Electric Power Commission's Niagara system. This has been accumulated as part of the annual cost of power paid to the Commission.

On the diagram facing this page, a graphical presentation is given of the progress made by the Woodstock Hydro utility during the past twenty-five years. Throughout this period the customers of the Woodstock utility have enjoyed favourable rates for service. The present cost of service to consumers for a few representative billing demands and energy consumptions is given in the tabulation below.

PRESENT COST OF SERVICE
Monthly Bills for Representative Demands and Consumptions

| Domestic service | | Commercial Light service | | | Industrial Power service | | |
|--------------------|--------------|--------------------------|--------------------|--------------|--------------------------|--------------------|--------------|
| Energy consumption | Monthly bill | Billing demand | Energy consumption | Monthly bill | Billing demand | Energy consumption | Monthly bill |
| kw-hrs | \$ c. | kw | kw-hrs | \$ c. | kw | kw-hrs | \$ c. |
| 25 | 0.75* | 1 | 50 | 1.31 | 3 | 150 | 4.44 |
| 40 | 0.90 | 1 | 150 | 2.34 | 3 | 375 | 5.73 |
| 60 | 1.35 | 3 | 150 | 3.92 | 6 | 375 | 9.44 |
| 100 | 1.68 | 3 | 375 | 6.75 | 6 | 750 | 11.44 |
| 150 | 2.08 | 6 | 375 | 9.12 | 12 | 750 | 18.86 |
| 250 | 2.89 | 6 | 750 | 13.50 | 12 | 1,500 | 22.87 |
| 500 | 4.92 | 12 | 750 | 18.23 | 30 | 3,000 | 55.49 |
| ..... | ..... | 12 | 1,500 | 27.00 | 30 | 6,000 | 62.18 |
| ..... | ..... | 30 | 3,000 | 64.80 | 60 | 6,000 | 110.97 |
| ..... | ..... | 30 | 6,000 | 75.60 | 60 | 15,000 | 131.03 |

*Minimum bill.

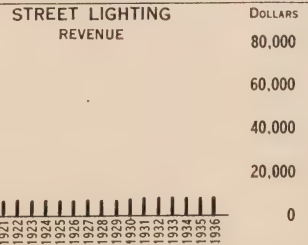
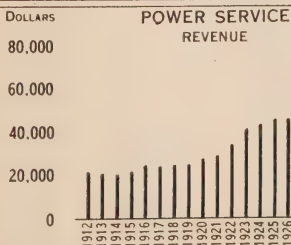
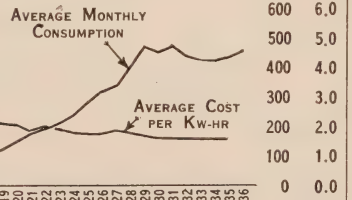
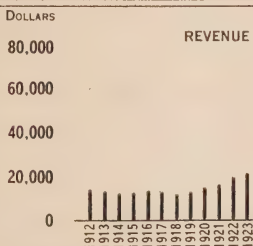
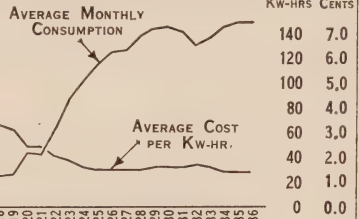
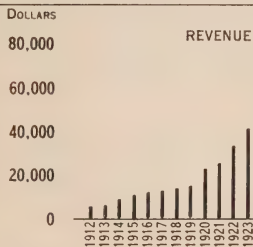
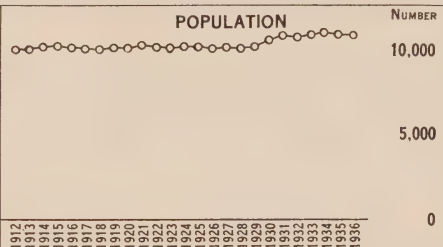
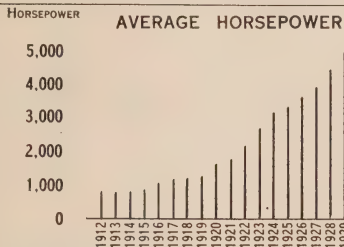
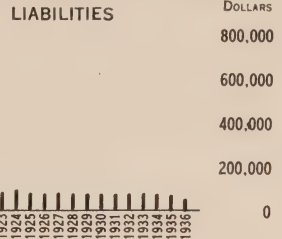
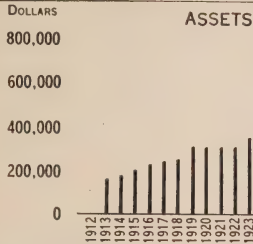
MUNICIPAL HYDRO UTILITIES

TWENTY-FIVE YEARS RECORD

WOODSTOCK

SERVICE
FIRST TAKEN
JAN. 1911

SYSTEM
NIAGARA



PRESTON—Population 6,287**THE PRESTON LIGHT AND WATER COMMISSION**

The town of Preston took an active part in the movement which led to the establishment of the Hydro undertaking. Whilst there was some local opposition at the time, as indeed there was in most of the pioneer municipalities of the undertaking, it did not prevent Preston becoming one of the earliest beneficiaries of the Hydro enterprise. The late George Pattinson of Preston, a member of the Ontario Legislature at that time, was appointed to act on a Commission of Enquiry with Hon. Adam Beck as Chairman. This Commission published five reports dealing with various areas of the Province.

Preston has about two dozen factories, and a sanitarium based upon its well known mineral springs. It is one of the group of Ontario towns and cities along the Grand river and has developed a fine park known as Riverside Park.

With the close of the twenty-sixth year of operation, the total assets of the Hydro utility of the town of Preston are \$532,642; the total liabilities \$44,919; the reserves and surplus \$487,723. The percentage of net debt to total assets is only 13.4, more than six-sevenths of the total local distribution plant being debt free.

Included with the assets and with the surplus above noted, is an amount of \$197,142 which represents the sinking fund equity of the local Hydro utility in The Hydro-Electric Power Commission's Niagara system. This has been accumulated as part of the annual cost of power paid to the Commission.

On the diagram facing this page, a graphical presentation is given of the progress made by the Preston Hydro utility during the past twenty-five years. A tabulation showing the present cost of service to consumers for a few representative billing demands and consumptions is given below.

PRESENT COST OF SERVICE**Monthly Bills for Representative Demands and Consumptions**

| Domestic service | | Commercial Light service | | | Industrial Power service | | |
|--------------------|--------------|--------------------------|--------------------|--------------|--------------------------|--------------------|--------------|
| Energy consumption | Monthly bill | Billing demand | Energy consumption | Monthly bill | Billing demand | Energy consumption | Monthly bill |
| kw-hrs | \$ c. | kw | kw-hrs | \$ c. | kw | kw-hrs | \$ c. |
| 25 | 0.75* | 1 | 50 | 1.49 | 3 | 150 | 4.65 |
| 40 | 1.08 | 1 | 150 | 2.79 | 3 | 375 | 6.03 |
| 60 | 1.62 | 3 | 150 | 4.46 | 6 | 375 | 9.89 |
| 100 | 1.91 | 3 | 375 | 7.97 | 6 | 750 | 12.05 |
| 150 | 2.27 | 6 | 375 | 10.47 | 12 | 750 | 19.77 |
| 250 | 2.99 | 6 | 750 | 15.93 | 12 | 1,500 | 24.09 |
| 500 | 4.79 | 12 | 750 | 20.93 | 30 | 3,000 | 58.53 |
| ..... | ..... | 12 | 1,500 | 31.86 | 30 | 6,000 | 65.21 |
| ..... | ..... | 30 | 3,000 | 75.60 | 60 | 6,000 | 117.05 |
| ..... | ..... | 30 | 6,000 | 91.80 | 60 | 15,000 | 137.10 |

*Minimum bill.

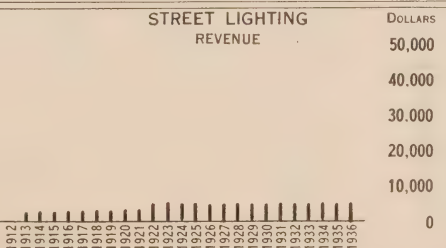
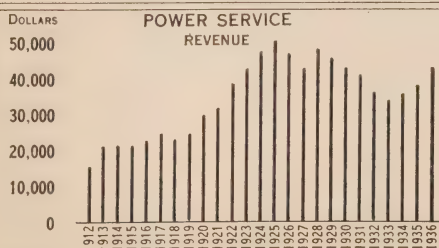
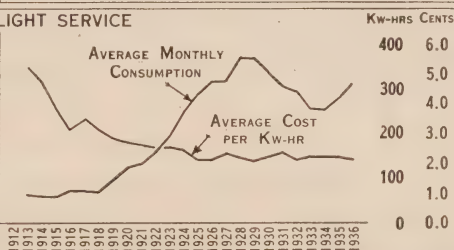
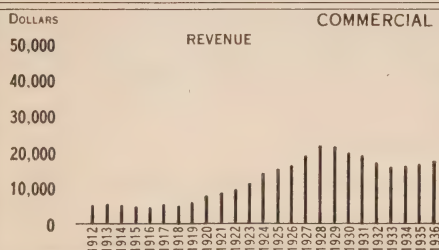
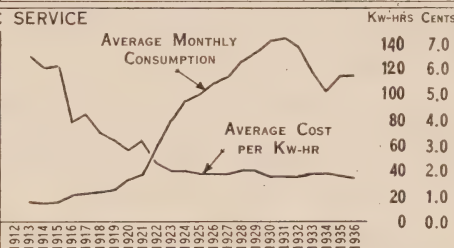
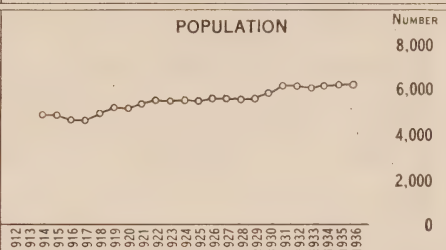
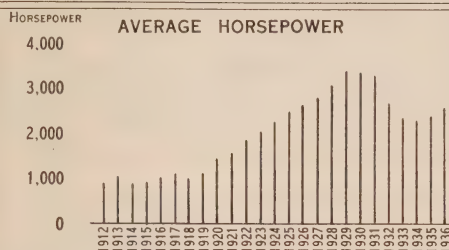
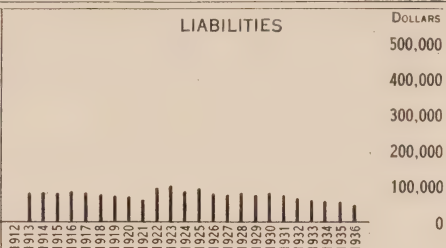
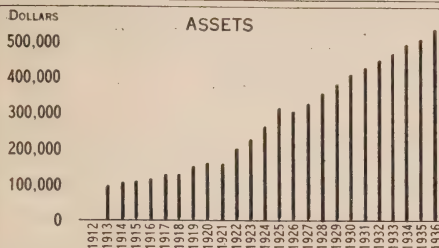
MUNICIPAL HYDRO UTILITIES

TWENTY-FIVE YEARS RECORD

PRESTON

SYSTEM
NIAGARA

SERVICE
FIRST TAKEN
JAN. 1911



HESPELER—Population 2,877**HYDRO-ELECTRIC COMMISSION**

Long before the advent of electrical power, Hespeler, one of the early settlements in Ontario, made use of waterpower to operate a grist mill, a saw mill and a woollen mill. Later, a small electrical plant was owned and operated by Mr. J. S. Shantz, from whom it was purchased by the town in 1900 and operated as a public utility by the municipality until 1911, when Hespeler became a co-operating partner in the Hydro undertaking.

In 1907, when Hydro matters were being considered, the municipal plant had an installation of 100 horsepower and five other industrial plants had an aggregate installation of about 350 horsepower. The textile industry is still operating in the town, its largest power user being Dominion Woollens and Worsteds Limited. This and other important industries, however, are now operated by Hydro power.

Continuity of service given by public-spirited citizens has contributed substantially to the success of many local utilities associated in the Hydro movement. The present Chairman of the Hespeler Hydro-Electric Commission, Mr. L. E. Weaver, has been a member continuously since 1916.

With the close of the twenty-sixth year of operation, the total assets of the Hydro utility of the town of Hespeler are \$209,839; the total liabilities \$29,235; the reserves and surplus \$180,604. The percentage of net debt to total assets is 22.7; rather more than three-quarters of the local distribution plant being thus debt free.

Included with the assets and with the surplus above noted is an amount of \$81,097 which represents the sinking fund equity of the local utility in The Hydro-Electric Power Commission's Niagara system. This has been accumulated as part of the annual cost of power paid to the Commission.

On the diagram facing this page a graphical presentation is given of the progress made by the Hespeler Hydro Utility during the past twenty-five years. The present cost of service to consumers for a few representative billing demands and energy consumptions is given in the tabulation below.

PRESENT COST OF SERVICE**Monthly Bills for Representative Demands and Consumptions**

| Domestic service | | Commercial Light service | | | Industrial Power service | | |
|--------------------|--------------|--------------------------|--------------------|--------------|--------------------------|--------------------|--------------|
| Energy consumption | Monthly bill | Billing demand | Energy consumption | Monthly bill | Billing demand | Energy consumption | Monthly bill |
| kw-hrs | \$ c. | kw | kw-hrs | \$ c. | kw | kw-hrs | \$ c. |
| 25 | 0.75* | 1 | 50 | 1.58 | 3 | 150 | 5.21 |
| 40 | 1.19 | 1 | 150 | 3.02 | 3 | 375 | 6.63 |
| 60 | 1.79 | 3 | 150 | 4.73 | 6 | 375 | 11.02 |
| 100 | 2.15 | 3 | 375 | 8.58 | 6 | 750 | 13.24 |
| 150 | 2.60 | 6 | 375 | 11.15 | 12 | 750 | 22.03 |
| 250 | 3.50 | 6 | 750 | 17.15 | 12 | 1,500 | 26.47 |
| 500 | 5.75 | 12 | 750 | 22.28 | 30 | 3,000 | 64.16 |
| ..... | ..... | 12 | 1,500 | 34.29 | 30 | 6,000 | 72.18 |
| ..... | ..... | 30 | 3,000 | 81.00 | 60 | 6,000 | 128.31 |
| ..... | ..... | 30 | 6,000 | 99.90 | 60 | 15,000 | 152.37 |

*Minimum bill.

NEW HAMBURG—Population 1,456

PUBLIC UTILITIES COMMISSION

The history of electrical power in New Hamburg is typical of that which characterizes many smaller progressive communities in Southern Ontario. It dates back to 1887 when a small dynamo was installed in a carriage shop. This was subsequently moved to a milling property and run partly by steam and partly by water power. About 1896 a plant was installed in a separate power house which has since been extended into the building now occupied by the New Hamburg Public Utilities Commission.

New Hamburg was a wholehearted supporter of the Hydro movement and in January, 1908, carried the power by-law by 152 to 31. The by-law authorized the acquisition of the existing electric plant and the construction of the necessary transmission lines. The original contract was for 250 horsepower.

Although but a relatively small community, the village of New Hamburg has 13 power consumers; 95 commercial consumers and 353 domestic consumers. The householder makes good use of the service and there have been installed 211 electric cooking devices and 230 electric washers as well as numerous other appliances.

With the close of the twenty-sixth year of operation, the total assets of the Hydro utility of New Hamburg are \$97,964; the total liabilities \$4,374; the reserves and surplus \$93,590. The percentage of net debt to total assets is only 7.2. Thus with respect to its local distribution plant, the utility is nearly debt free, the debenture balance being only \$4,152.

Included with the assets and with the surplus above noted is an amount of \$37,347 which represents the sinking fund equity of the local Hydro utility in The Hydro-Electric Power Commission's Niagara system. This has been accumulated as part of the annual cost of power paid to the Commission.

On the diagram facing this page a graphical presentation is given of the progress made by the New Hamburg Hydro utility during the past twenty-five years. The present cost of service to consumers for a few representative billing demands and energy consumptions is given in the tabulation below.

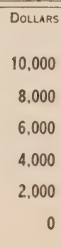
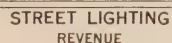
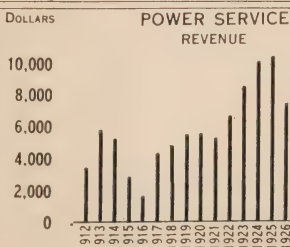
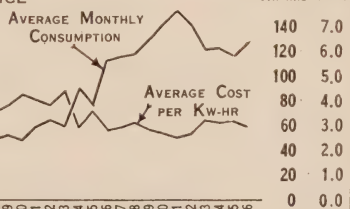
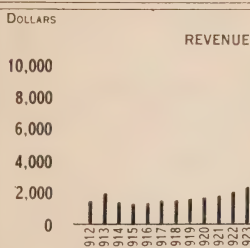
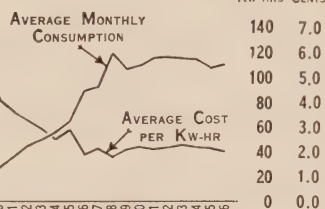
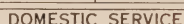
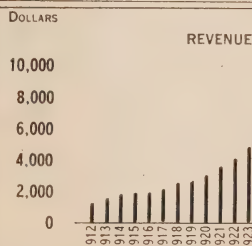
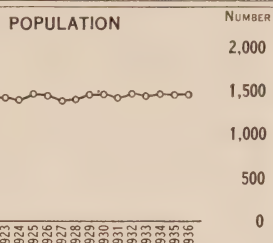
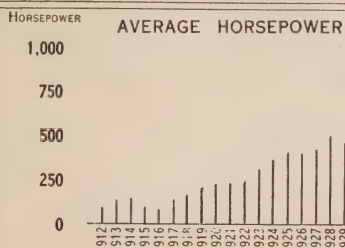
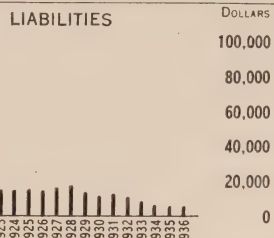
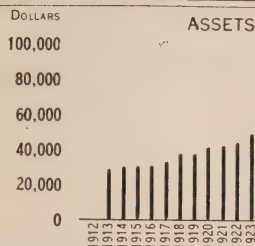
PRESENT COST OF SERVICE

Monthly Bills for Representative Demands and Consumptions

| Domestic service | | Commercial Light service | | | Industrial Power service | | |
|--------------------|--------------|--------------------------|--------------------|--------------|--------------------------|--------------------|--------------|
| Energy consumption | Monthly bill | Billing demand | Energy consumption | Monthly bill | Billing demand | Energy consumption | Monthly bill |
| kw-hrs | \$ c. | kw | kw-hrs | \$ c. | kw | kw-hrs | \$ c. |
| 25 | 0.83 | 1 | 50 | 1.67 | 3 | 150 | 6.73 |
| 40 | 1.34 | 1 | 150 | 3.33 | 3 | 375 | 8.98 |
| 60 | 2.00 | 3 | 150 | 5.00 | 6 | 375 | 14.47 |
| 100 | 2.47 | 3 | 375 | 9.32 | 6 | 750 | 17.95 |
| 150 | 3.06 | 6 | 375 | 11.82 | 12 | 750 | 28.92 |
| 250 | 4.23 | 6 | 750 | 18.63 | 12 | 1,500 | 35.89 |
| 500 | 7.15 | 12 | 750 | 23.63 | 30 | 3,000 | 87.48 |
| ..... | ..... | 12 | 1,500 | 37.26 | 30 | 6,000 | 96.39 |
| ..... | ..... | 30 | 3,000 | 86.40 | 60 | 6,000 | 174.96 |
| ..... | ..... | 30 | 6,000 | 113.40 | 60 | 15,000 | 201.69 |

MUNICIPAL HYDRO UTILITIES
 TWENTY-FIVE YEARS RECORD

SERVICE
FIRST TAKEN
MAR. 1911

SYSTEM
NIAGARA

WATERDOWN—Population 912

PUBLIC UTILITIES COMMISSION

Waterdown was one of the small municipalities whose early desire for Hydro service was stimulated by the relative proximity of newly erected Hydro transmission lines. Furthermore, there was in the vicinity of the village an important clay products industry with an existing demand for low-cost power. These two possible markets for Hydro service mutually helped each other and made practicable the extension of transmission lines to both. Waterdown therefore, during the fall of 1911, signed a contract with the Commission for 50 horsepower, and enabling money by-laws were carried by substantial majorities.

With the close of the twenty-fifth year of operation, the total assets of the Hydro utility of the village of Waterdown are \$53,528; the total liabilities \$90; the reserves and surplus \$53,438. The local distribution plant of Waterdown is therefore debt free. All its debentures have been paid.

Included with the assets and with the surplus above noted is an amount of \$17,221 which represents the sinking fund equity of the local Hydro utility in The Hydro-Electric Power Commission's Niagara system. This has been accumulated as part of the annual cost of power paid to the Commission.

On the diagram facing this page a graphical presentation is given of the progress made by the Waterdown Hydro utility during the past twenty-five years. Although one of the smaller urban municipalities served by the Commission, Waterdown citizens receive service at rates which compare favourably with many larger centres of population. The present cost of power to consumers for a few representative billing demands and energy consumptions is given in the tabulation below.

PRESENT COST OF SERVICE

Monthly Bills for Representative Demands and Consumptions

| Domestic service | | Commercial Light service | | | Industrial Power service | | |
|--------------------|--------------|--------------------------|--------------------|--------------|--------------------------|--------------------|--------------|
| Energy consumption | Monthly bill | Billing demand | Energy consumption | Monthly bill | Billing demand | Energy consumption | Monthly bill |
| kw-hrs | \$ c. | kw | kw-hrs | \$ c. | kw | kw-hrs | \$ c. |
| 25 | 0.75* | 1 | 50 | 1.44 | 3 | 150 | 5.58 |
| 40 | 1.05 | 1 | 150 | 2.75 | 3 | 375 | 7.36 |
| 60 | 1.57 | 3 | 150 | 4.32 | 6 | 375 | 11.93 |
| 100 | 1.97 | 3 | 375 | 7.77 | 6 | 750 | 14.70 |
| 150 | 2.46 | 6 | 375 | 10.13 | 12 | 750 | 23.85 |
| 250 | 3.45 | 6 | 750 | 15.53 | 12 | 1,500 | 29.39 |
| 500 | 5.93 | 12 | 750 | 20.25 | 30 | 3,000 | 71.45 |
| ..... | ..... | 12 | 1,500 | 31.05 | 30 | 6,000 | 79.47 |
| ..... | ..... | 30 | 3,000 | 72.90 | 60 | 6,000 | 142.89 |
| ..... | ..... | 30 | 6,000 | 91.80 | 60 | 15,000 | 166.95 |

*Minimum bill.



RECREATION FACILITIES AT PRESTON
Riverside Park



A NEW INDUSTRY AT WOODSTOCK
Firestone Cotton Mills Ltd.



AN OLD ESTABLISHED INDUSTRY AT HESPELER
Dominion Woollens & Worsted's Ltd.



A FACTORY AT NEW HAMBURG
The Hahn Brass Company



A MODERN MUNICIPAL BUILDING AT LONDON
Public Utilities Building and Civic Offices

RURAL ELECTRICAL SERVICE

IN ONTARIO

Rural electrical service has been studied by The Hydro-Electric Power Commission of Ontario since the earliest years of its existence. Early Annual Reports of the Commission bear witness to the attention paid to the possibility of supplying rural citizens and individual farmers with electric light and power in a form adapted to rural requirements. A clearer understanding of the present status of rural distribution in the Province may be gained by first noting the following general statements.

The Province of Ontario extends over a vast area of 400,000 square miles, the southern part of the Province commonly known as "Old Ontario", comprising most of the settled area. In this territory there is an assessed area of approximately 40,000 square miles containing about twenty-two million acres, of which 75 per cent is land cleared for agricultural purposes. The total rural population in this area exceeds 1,100,000.

The Commission estimates that within reasonable transmission distance of existing transmission lines and stations, about 65,000 farms may be served and that at the end of 1936, nearly one-half of these farms were receiving electrical service.

The distribution of power in, as well as the wholesale supply of power to, Ontario rural communities, is almost entirely carried out by The Hydro-Electric Power Commission. The Commission organizes service to consumers in townships or parts of townships which can be grouped into economic areas known as rural power districts, and in doing so acts as trustee and agent for the various townships of the Province.

There are 174 operating rural power districts and power is delivered to approximately 74,000 rural consumers, comprising farms and dwellings in various groups. The consumers are situated in 369 townships and 96 police villages and are served over networks of rural primary lines, which aggregate nearly 10,800 miles. In addition to the 369 townships served by rural power districts, 10 townships are served jointly by rural power districts and voted areas.

The benefits of rural electrical service are explained to prospective rural consumers by means of direct information given by the Commission's employees, by demonstrations at annual fairs and exhibitions and through the press. Frequent visits to larger centres of population have made the farmer familiar with the application of electrical appliances and machinery as a means of providing greater comfort in the home and freedom from the drudgery of certain farm work. Perhaps the most persuasive argument to the farmer is his knowledge of the benefits electrical service has brought to



RURAL ELECTRICAL SERVICE IN ONTARIO

Overhead irrigation on an Ontario farm. The pipe lines supported on posts are graded in size to maintain pressure throughout their length and equipped with small nozzles at three feet intervals. Each pipe line is rotated through an angle of approximately 90°, and with 30 lbs. pressure will irrigate a strip 50 feet wide, delivering approximately 3,000 gallons per acre per hour

his neighbor. Once the progressive farmer installs electrical service he does not rest content until he has secured additional equipment to enable him to obtain fuller advantages from the service. This process is doubly beneficial because, not only does it reduce the average cost of electricity to the individual farmer, but it tends towards securing lower rates throughout the district. The aim of the Commission and of the rural consumer should be the maximum use of the power made available so that the average cost to the consumer may be suitable to the economic conditions of farm life.

The Commission desires, in every reasonable way, to encourage the more liberal use of electrical service in rural areas, especially by the farmers. Under the policy of service at cost, combined with the substantial contributions of the Province to aid rural electrical service, the Ontario farmer receives service at an exceptionally low cost. Beginning December 1, 1936, the present service charge to Class 2B—Farm Service, Small—and to Class 3—Farm Service, Light—will be reduced to one dollar net per month, which is a reduction of about 50 per cent from the present standard service charges. Medium, Heavy and Special farm service will receive service charge reductions of 25 per cent from the standard rates.

The Commission has observed that quite a large proportion of consumers in rural power districts fail to make much more than a minimum use of the service and do not appear to appreciate fully how much more service can be obtained by a comparatively small addition to their monthly bills. Efforts are being made to explain this and other features of Hydro service to the farmer in ways which will appeal to him. Based upon the unit cost of distribution facilities to individual consumers, the service charge to the farmer is necessarily higher than in the city, but the number of kilowatt-

hours charged for at his first energy rate is usually smaller than in cities, towns and villages. Consequently, a very moderate use of energy brings him into the position where additional energy can be obtained for the low follow-up rates in force.

Uses for Electricity

Each year the progressive farmer of Ontario finds many new uses for electrical service. It would be impossible in this Report to describe these at length, but they may be classified under the following heads:

Lighting Service—Electric lighting is safe, convenient and time saving. It adds to the comfort and attractiveness of the farm home and reduces fire hazard to a minimum. Against the cost of energy for lighting may be set the cost of coal oil or candles. Even at 6 cents per kilowatt-hour, a 40-watt lamp can be operated nearly 24 hours for 5 cents.

The progressive farmer is using controlled lighting for increasing the production of eggs and, what is more important from the viewpoint of financial returns, obtaining a greater proportion of the annual egg yield during the months when prices are high.

Power Service—Next to lighting the energy used for mechanical purposes gives the most valuable service for the money expended for electricity.

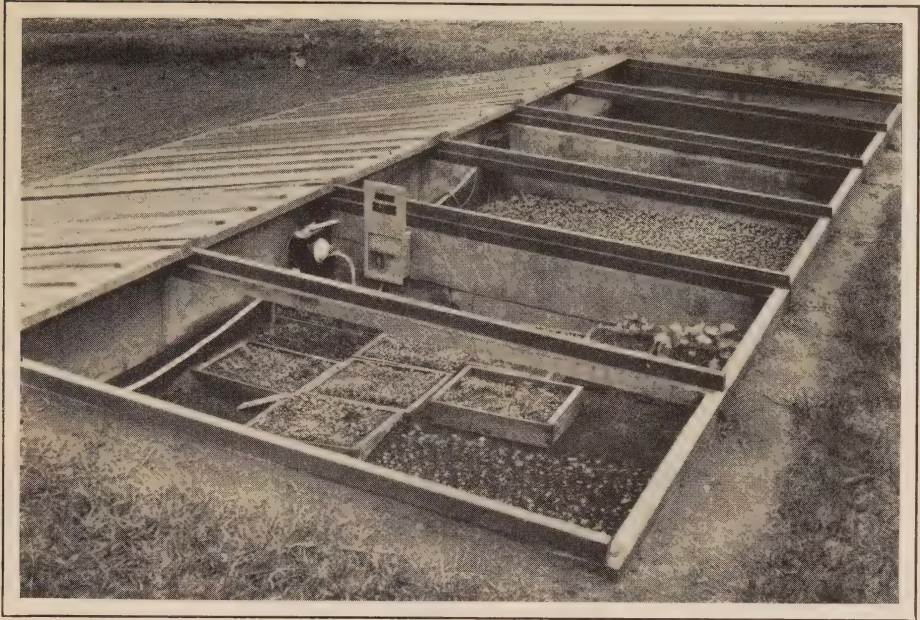
In the farm home washing machines, vacuum cleaners, fans and furnace blowers contribute to making the farm home equal in comfort to one in the city. Motor-driven pumps supply water for sanitary systems and general house and farm use.

In the barn, dairy and workshop of the farm, electric motors may be employed for chopping feed, wood cutting, hay hoisting, milking, cream separating, churning and the many purposes of the farm workshop. Electric milking machines reduce labour at milking time to one-half and their regular use increases the milk flow and fat content.

The Commission supplies free energy for operating washing machines and pumps for the use of water under pressure for sanitary purposes. With energy at the 2-cent per kilowatt-hour rate, a $\frac{1}{4}$ -horsepower motor can be operated at full load for three hours for 1 cent. As actually used in motor-driven appliances, the motors frequently operate at less than full load or, under automatic operation as in pumping and refrigeration, for only 25 to 50 per cent of the 24 hours.

Electric Refrigeration—This is a special application of power service. Its use promotes health and comfort and reduces food losses. Ice obtained from neighbouring ponds is frequently contaminated and has endangered the health of many farm dwellers. Electric refrigeration is of special assistance in connection with dairy operations. The farmer can accumulate his separated cream for a few days with safety and can improve the marketing quality of his milk by cooling. It is also useful in egg storage.

Heating Service—Under this head come: the minor appliances of hand irons, toasters, and hot plates, which owing to their intermittent use consume relatively small quantities of electricity per month; the major heating appliances of ranges and water heaters which need relatively large quantities of energy for their operation, and the special applications of electricity



RURAL ELECTRICAL SERVICE IN ONTARIO

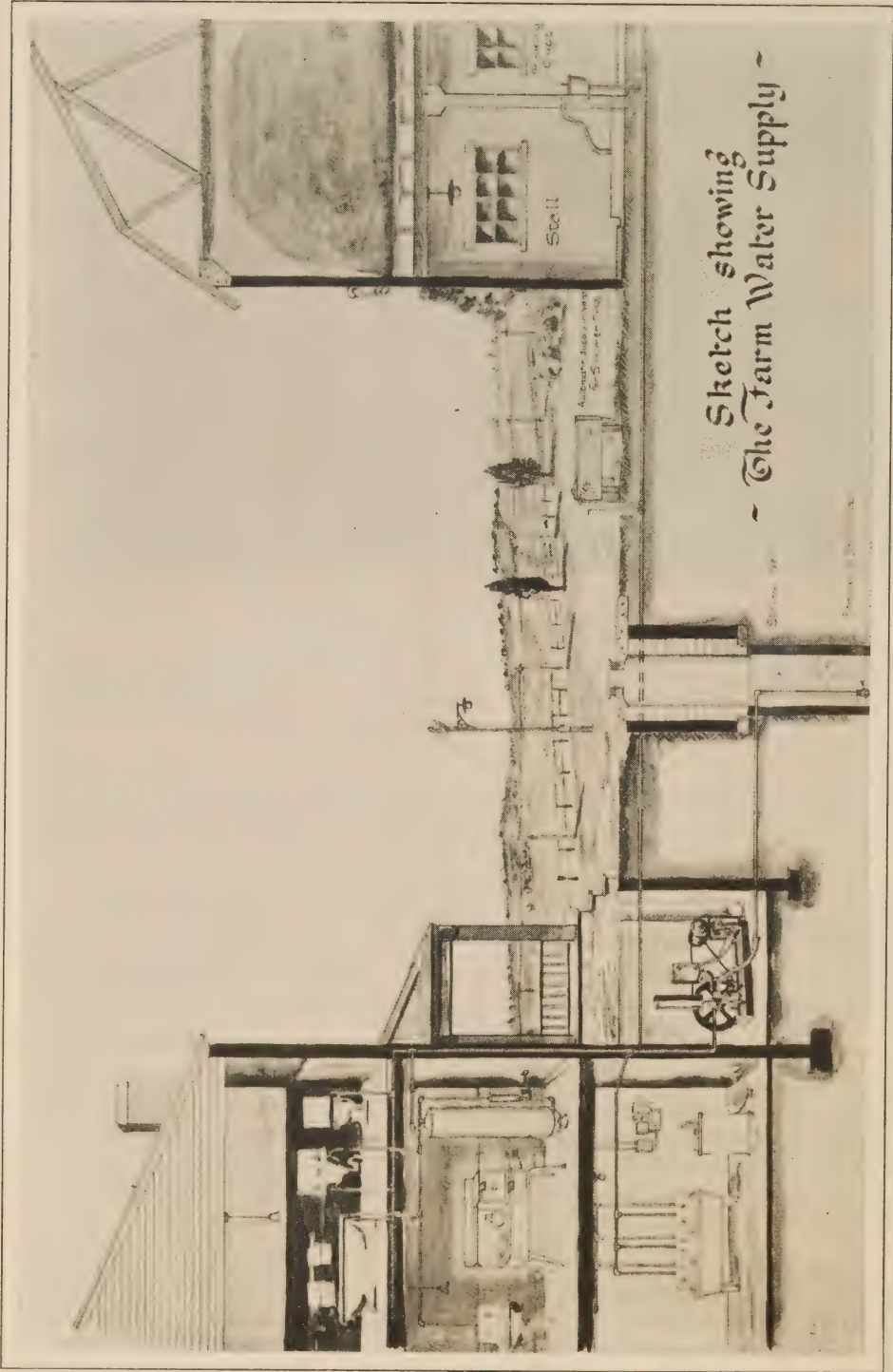
A well-constructed electric hotbed, 6 ft. x 18 ft., on an Ontario farm. The 6 ft. x 6 ft. section in foreground is equipped with 100 watts per square yard for germination of celery seed, the seedlings are transferred to other sections of bed equipped with 50 watts per square yard. Temperatures automatically controlled

for incubating, brooding, etc., and for soil heating which only becomes economically profitable when the current used is available at specially low rates.

The electric range, although a heavy user of current, is efficient and the cost of operation is more than offset where the farmer can more profitably employ his time than in hauling and chopping wood for the stove. It is safer and in summer provides cool cooking in comfort for the farmer's wife and also leaves her free to undertake more profitable work.

Entertainment Service—Radio—Radios provide entertainment, general information and a familiarity with current events and market prices which have done much to make life on the farm more attractive and profitable. The Commission provides free energy to all rural consumers to operate licensed alternating-current radios. The many applications of power in a farm workshop will provide countless hours of profitable recreation and pleasure.

Miscellaneous—The miscellaneous applications of electricity seem only to be limited by the ingenuity of the farmer in adapting this modern flexible agent to his various needs. It is used when spraying against insects and to paint the barn, for incubating, brooding and for the control of humidity and ventilation in connection with poultry raising, to prevent the freezing of vegetables, to cook supplementary food for hogs and in countless other ways.



Sketch showing
- The Farm Water Supply -

RURAL ELECTRICAL SERVICE IN ONTARIO

A complete automatic water system for farm water supply to the house, barn and water trough, provides all the conveniences of water service that city dwellers enjoy. The above sketch shows a complete layout, excepting the tank and effluent disposal, which must be located in an area remote from the well

Recent Benefits to Rural Consumers

Reduced Service Charges Effective December 1, 1936

During the year, extensive studies were made in order to ascertain whether the service charge to farmers might be further reduced in order to promote the agricultural industry, and it was concluded that a further reduction in the fixed charge associated with the capital investment, could be made to an extent which would permit a reduction in the monthly service charge to farmers only. Rural consumers not identified with agriculture do not receive this further reduction. The following table compares the new and the former maximum service charges:

| Class of consumer | Service | Former maximum net Service Charge per month in force since Nov., 1935 | New maximum net Service Charge per month in force on Dec. 1, 1936 | |
|-------------------|---|---|---|-------|
| | | | Non-farm | Farm* |
| | | \$ c. | \$ c. | \$ c. |
| 1B | Hamlet lighting..... | 1.20 | 1.20 | ..... |
| 1C | Hamlet lighting, plus range..... | 1.90 | 1.90 | ..... |
| 2A | House lighting..... | 1.40 | 1.40 | ..... |
| 2B | Small farm service..... | 1.90 | 1.90 | 1.00 |
| 3 | Light farm service..... | 2.00 | 2.00 | 1.00 |
| 4 | Medium farm service (one phase)..... | 2.15 | 2.15 | 1.61 |
| 5 | Medium farm service (three phase)..... | 3.00 | 3.00 | 2.25 |
| 6A | Heavy farm service (one phase)..... | 3.70 | 3.70 | 2.77 |
| 6B | Heavy farm service (three phase)..... | 4.25 | 4.25 | 3.19 |
| 7A | Special farm service (one phase)..... | 5.55 | 5.55 | 4.16 |
| 7B | Special farm service (three phase)..... | 6.70 | 6.70 | 5.02 |

*A "Farmer" is considered as a customer owning and operating farm land, 5 acres or more, and producing farm products for sale from the land so occupied.

Free Service

The free current given in 1934 and 1935 to operate electric washing machines, electric pumps to provide water under pressure for household sanitary systems, and licensed alternating-current radios, was continued during the year. This arrangement will continue to October 31, 1937.

Maximum Consumption Charge

The Commission has found that the maximum economic limit of the first domestic use throughout the rural power districts of the Province is 6 cents per kilowatt-hour. In all rural power districts where the first consumption rate exceeded 6 cents per kilowatt-hour, this rate therefore was reduced to a maximum of 6 cents per kilowatt-hour. The maximum second rate of 2 cents per kilowatt-hour applies to all districts.

New Low Third Consumption Rate for Long-Hour Users

In 1934 the Commission made available for rural consumers a special energy rate for long-hour uses of power by rural consumers. This particularly affects under-earth heating (hot-beds) and heating of water. Where the extra use of energy may be obtained from the present equipment, a third follow-up rate per kilowatt-hour of 0.75 cents gross, is given in all districts. The first rate remains unchanged, except that as pointed out above it is subject to a maximum of 6 cents per kilowatt-hour, and the kilowatt-hours to be charged at the first rate remain unchanged. The number of kilowatt-hours to be charged at the second rate varies both with the class of service and the first kilowatt-hour rate. At the head of the table of rural rates at the end of this section, is a schedule which shows the class of service, the number of kilowatt-hours per month to be charged for at the first rate, and the number of kilowatt-hours at the second rate according to the governing first rate.

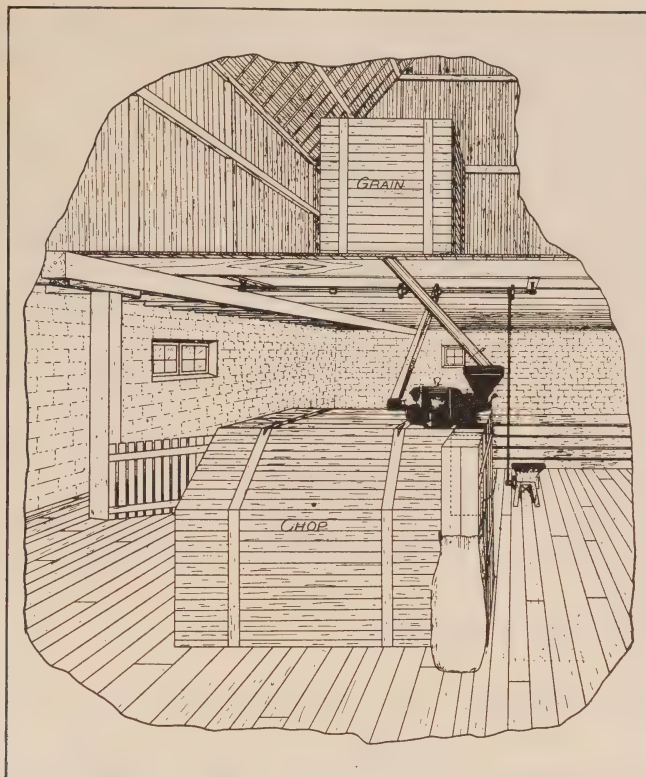
Provincial Government Aids Rural Electrical Service

Assistance respecting electrical service is given by the Province to farmers and rural residents in three ways, namely:

First—A “grant-in-aid” toward the initial capital cost of supplying electrical service, amounting to 50 per cent of the cost of line and secondary equipment necessary to deliver power from the supply point of the Commission’s stations or of a city, town, village, etc., to the customer’s property. This is the maximum amount provided for by *The Rural Hydro-Electric Distribution Act*.

Second—Authority was granted to the Commission by the Province in *The Rural Power District Service Charge Act*, 1930, to fix a maximum service charge for any class of service in a rural power district. Where as may be the case in newly-established rural power districts such maximum service charge is not sufficient to meet the necessary cost of service, as specified by the Commission, the deficit is chargeable to and payable out of the Consolidated Revenue Fund of the Province. Payments made out of the Consolidated Revenue Fund for this purpose, on account of any rural power district, are charged to that rural power district in a special account—known as the “Rural Power Service Suspense Account”—in the books of the Treasurer of Ontario, and any surplus thereafter arising from any maximum service charge in that rural power district is paid to the Treasurer of Ontario and placed to the credit of the rural power district in such suspense account until the deficit is wiped out. Where a temporary deficit arises in any rural power district owing to the application of the maximum service charge, such maximum service charge must remain in force and be charged in that rural power district until the deficit is wiped out.

Third—An Act—*The Rural Power District Loans Act*, 1930—to provide for granting aid towards the installation of electrical works in rural power districts was passed in 1930. The purpose of the Act is to provide, subject to regulations, advances toward the installation of electrical services in rural power districts. Aid may be granted for the wiring from the transmission or distribution lines of the Commission into and throughout dwellings, farms,



RURAL ELECTRICAL SERVICE IN ONTARIO

The utility-motor chopper set up as shown, permits chopping to be done while the operator is otherwise employed in the barn. The line shafting, when belted to the motor, will supply power for many other machines used in the barn

out-houses, and any other works which may from time to time be specified by the regulations. In addition to the wiring, loans may be obtained on transformers, motors, or other appliances, as may be necessary or expedient for any industrial, agricultural or domestic purpose which may be specified in the regulations.

Rural Loans

Under *The Rural Power District Loans Act, 1930*, authority was given to The Hydro-Electric Power Commission of Ontario, to finance the installation of wiring and the purchase of specified electrical farm equipment by rural farm consumers.

As all applications for loan are governed by regulations made subject to the provisions of the Act, quite a number fail to meet the requirements of these regulations, so that out of the total of 1,144 applications received to date only 834 have been approved, involving an outlay of \$172,532.

During the fiscal year ending October 31, 1936, there were received 307 applications and 212 loans were made totalling \$40,550. The Commission refused 22 applications and 68 did not fulfil the requirements. At the end

of the year there were 14 applications in process of being investigated, 4 having been approved by the Commission were awaiting cheques and 10 awaiting receipt of final papers.

To October 31, 1935, 135 loans had been repaid in full, either through the maturing of the loan or because of the improved financial position of the borrower.

LOANS GRANTED TO CONSUMERS IN RURAL POWER DISTRICTS

| System | Total to Oct. 31, 1935 | | Nov. 1, 1935, to Oct. 31, 1936 | | Total to Oct. 31, 1936 | |
|----------------------|------------------------|-----------|--------------------------------|-----------|------------------------|------------|
| | No. | Amount | No. | Amount | No. | Amount |
| Niagara..... | 484 | \$ 95,305 | 205 | \$ 39,105 | 689 | \$ 134,410 |
| Georgian Bay..... | 105 | 28,132 | 3 | 580 | 108 | 28,712 |
| Eastern Ontario..... | 27 | 7,150 | 4 | 865 | 31 | 8,015 |
| Thunder Bay..... | 1 | 335 | | | 1 | 335 |
| Manitoulin..... | 5 | 1,060 | | | 5 | 1,060 |
| All systems..... | 622 | 131,982 | 212 | 40,550 | 834 | 172,532 |

The average loan is \$206.87.

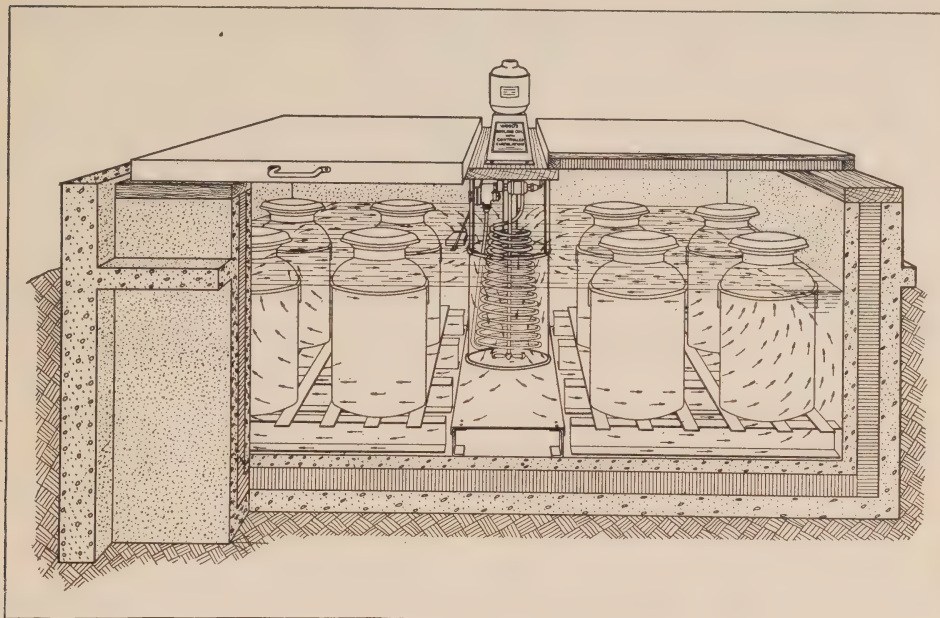
DETAILS OF RURAL LOANS GRANTED TO OCTOBER 31, 1936

| Items applied for (including installation) in loans which have been made | Totals for 622 loans made to Oct. 31, 1935 | | For 212 loans made during year ended Oct. 31, 1936 | | Totals for 834 loans made to Oct. 31, 1936 | |
|--|--|-------------------|--|-------------------|--|-------------------|
| | Number affected | Cost to consumers | Number affected | Cost to consumers | Number affected | Cost to consumers |
| Service..... | 217 | \$ 11,741.79 | 58 | \$ 3,368.49 | 275 | \$ 15,110.28 |
| House wiring..... | 214 | 20,308.73 | 59 | 4,503.94 | 273 | 24,812.67 |
| Building wiring..... | 224 | 18,078.07 | 55 | 3,601.57 | 279 | 21,679.64 |
| Motors..... | 44 | 4,527.96 | 2 | 243.00 | 46 | 4,770.96 |
| Grain grinders..... | 381 | 71,693.72 | 130 | 27,067.25 | 511 | 98,760.97 |
| Pumping systems..... | 34 | 4,243.32 | 19 | 2,687.13 | 53 | 6,930.45 |
| Milking machines..... | 7 | 1,766.00 | 1 | 300.00 | 8 | 2,066.00 |
| Washing machines..... | 31 | 3,281.00 | 1 | 115.00 | 32 | 3,396.00 |
| Milk coolers..... | 9 | 1,845.00 | 15 | 3,108.00 | 24 | 4,953.00 |
| Totals..... | | 137,485.59 | | 44,994.38 | | 182,479.97 |

Respecting the 834 loans made to October 31, 1936, the following table shows the number of loans made for each term of years:

| | | | |
|--------------------|----------|--------------------|----------|
| One year term..... | 13 loans | Six year term..... | 10 loans |
| Two " "..... | 19 " | Seven " "..... | 79 " |
| Three " "..... | 93 " | Eight " "..... | 9 " |
| Four " "..... | 22 " | Nine " "..... | 0 " |
| Five " "..... | 551 " | Ten " "..... | 38 " |

During the past year there have been no loans made for periods longer than 5 years.

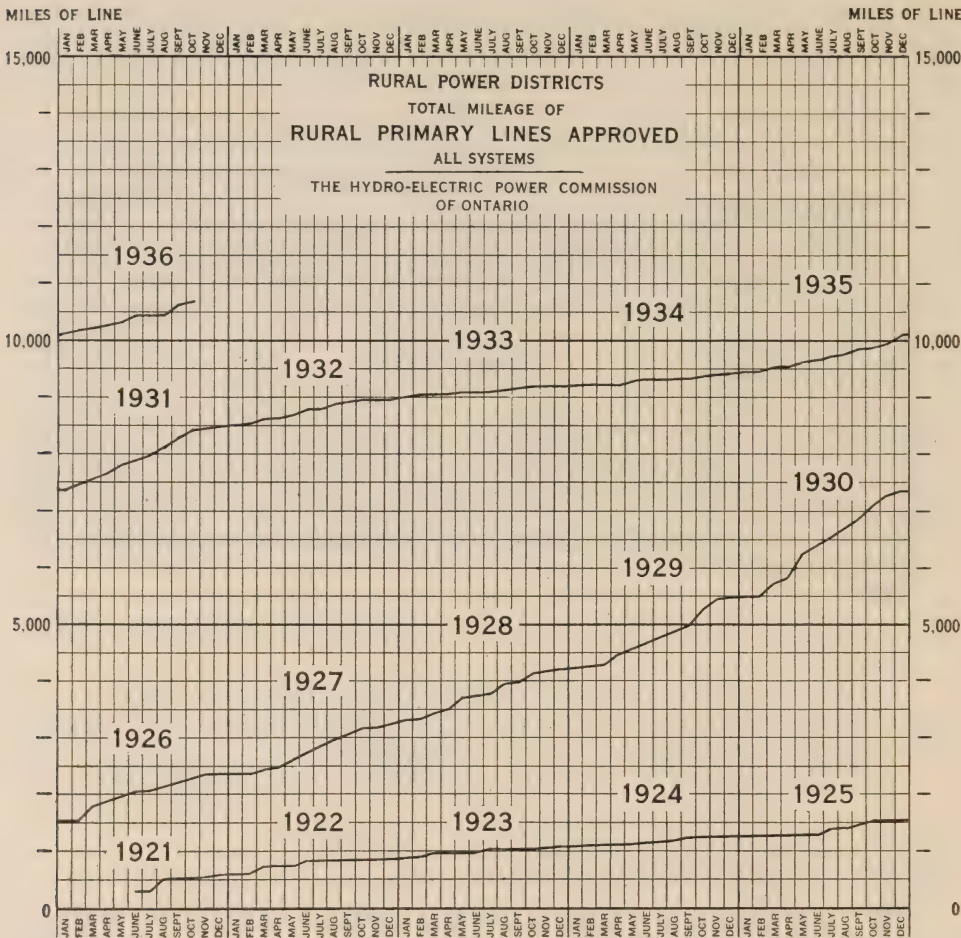


RURAL ELECTRICAL SERVICE IN ONTARIO

Milk cooling by electric refrigeration with agitation is now being used by progressive Ontario farmers to their economic advantage. It is reported that this method of cooling is less expensive, more reliable and certainly cleaner than ice

Provincial Assistance to Rural Consumers

The extent and effect of the Province's financial assistance with respect to the distribution of power in rural districts should be clearly understood. The Government grant-in-aid relates solely to the initial capital investment for distribution facilities in rural power districts. Having made its grant-in-aid the Government further participates in the operation of each district in that it guarantees a maximum service charge, otherwise its participation in the operation of the property ceases. Each rural power district pays the cost of operation, maintenance and administration of its lines. The Commission also set up, until October 31, 1935, reserves for renewals, (depreciation) obsolescence and contingencies on the whole of the equipment and lines, as well as sinking fund on the investment made by the Commission on behalf of the townships served. Beginning November 1, 1935, however, no further provision will be made for contingencies as it is considered that the present accumulated contingency fund is sufficient to take care of this situation; similarly the renewals (depreciation) charges have been reduced by one-eighth for the year 1936 and one-half for the year 1937 and until further consideration is given to the problem.



RURAL LINE EXTENSIONS APPROVED BY THE COMMISSION DURING THE YEAR 1936

| System | Miles of primary line | Net increase in number of consumers | | | Power supplied in October, 1936 | Capital approved for extensions | |
|------------------------------|-----------------------|-------------------------------------|-----------|-------|---------------------------------|---------------------------------|-------------------------|
| | | Hamlet | Farm etc. | Total | | Total | Provincial grant-in-aid |
| Niagara..... | 485.51 | 1,221 | 2,187 | 3,408 | h.p. | \$ c. | \$ c. |
| Georgian Bay..... | 144.35 | 704 | 384 | 1,088 | 32,570 | 1,342,224.00 | 671,112.00 |
| Eastern Ontario..... | 174.25 | 591 | 626 | 1,217 | 3,043 | 369,880.00 | 182,365.00 |
| Thunder Bay..... | 4.28 | 34 | 7 | 41 | 6,839 | 422,836.00 | 211,418.00 |
| Manitoulin R.P.D..... | | 11 | 2 | 13 | 180 | 11,208.00 | 5,604.00 |
| Northern Ontario Properties: | | | | | 138 | 960.00 | 480.00 |
| Nipissing District..... | 1.25 | 41 | 4 | 45 | 127 | 6,688.00 | 3,344.00 |
| Totals..... | 809.64 | 2,602 | 3,210 | 5,812 | 42,897 | 2,153,796.00 | 1,074,323.00 |



As Approved by the Commission from June 1, 1921, to October 31, 1936,
Constructed or Under Construction

| System | Miles of primary line | Number of consumers | | | Capital approved for extensions | |
|--|-----------------------|---------------------|------------|--------|---------------------------------|-------------------------|
| | | Hamlet | Farm, etc. | Total | Total | Provincial grant-in-aid |
| Niagara..... | 7,578.53 | 25,263 | 26,257 | 51,520 | \$ 17,162,477.89 | \$ 8,557,958.94 |
| Georgian Bay..... | 1,100.85 | 5,459 | 2,407 | 7,866 | 2,365,150.95 | 1,134,882.49 |
| Eastern Ontario..... | 1,985.93 | 8,127 | 5,085 | 13,212 | 4,474,445.31 | 2,237,222.65 |
| Thunder Bay..... | 85.93 | 173 | 183 | 356 | 159,222.00 | 79,611.00 |
| Manitoulin R.P.D..... | 37.25 | 164 | 25 | 189 | 65,538.00 | 32,769.00 |
| Northern Ontario Properties: Nipissing District.... | 19.37 | 420 | 51 | 471 | 66,063.00 | 33,031.50 |
| Totals..... | *10,807.86 | 39,606 | 34,008 | 73,614 | 24,292,897.15 | 12,075,475.58 |

*This total includes 170.69 miles of primary line under construction on October 31, 1936, required to serve 604 new consumers.

Rates for Rural Electrical Service

Rates to rural consumers are based upon service "at cost"—account being taken of the Provincial "grant-in-aid" for rural work and the operation of the provision for a maximum service charge—and as in urban centres the rates are made up of two parts, a service charge and a consumption charge. In any rural power district the service charge to a consumer depends primarily upon the individual connected load or demand which determines his class rating (see "Classification of Services") but this is modified in the earlier years of operation of a rural power district by the provision respecting maximum service charge; the consumption charge is based upon a first, second and third kilowatt-hour rate, the first and second rate being determined by the cost of power at the source of supply to the rural power district, and the third rate is the same for all consumers.

For the purpose of determining the service charge, each mile of line is assumed to represent a minimum of 15 units and to each class of service is assigned a value in such units. The table on page 91 gives the new maximum net service charge per month applicable to each class of service. More than 90 per cent of the contracts entered into for farm service are either Class 2B or Class III. These, therefore, are the representative classes for individual farm service.

Rather more than half the consumers in rural power districts are grouped in hamlets or small villages closely identified with rural activities, and these consumers are usually in Class 1B or Class IC. It is pointed out that rural power districts do not include suburban districts or larger villages. These have their own electrical utilities.

Usually new rural power districts begin at standard rural rates and these constitute the maximum rates submitted to the proposed consumers. As the average number of consumers per mile of line increases, the service charges may be, and in practice have been, reduced; and with increased consumption the rates per kilowatt-hour are also lowered. Thus, in older-established rural power districts the total cost of service is much below the initial standard rates.

The lowering of the maximum service charges has, however, resulted in more uniform and more nearly equal costs to the respective classes of consumers in practically all rural power districts served by the Commission. These maximum rural service charges, under prevailing conditions, do not cover the costs incurred to serve rural consumers. It is anticipated, however, that the increase in the number of consumers served per mile, and increased use of power by all rural consumers, will enable the Commission more nearly to meet all costs. In rural power districts where this condition cannot be obtained, deficits arising out of the application of the maximum service charge will be paid by the Province of Ontario as a loan until the rural power districts concerned operate with a surplus.

Contracts with Consumers

For many years power agreements made between rural customers and townships were for a twenty-year period. When rural power service was inaugurated on a principle of service at cost, this period was considered advisable for all rural contracts in order to protect the interests of the rural consumers themselves, as partners embarking in an undertaking involving collective responsibility for a substantial capital investment, to be liquidated over a period of years. The contract provision thus constituted, as between consumers, a mutual guarantee with respect to service charges. Without such assurance extensions in the early years would have been greatly hampered.

As the number of consumers on the rural lines constructed increased and rural consumers, generally, throughout the Province became better informed as to the possible uses of electric power on the farm, rural electrical service became well established.

In 1934 the Commission announced that a recommendation had been made to all township municipalities that they should pass a by-law, authorizing the Commission to reduce the term of existing and future rural contracts from twenty to five years in certain cases. These contracts were to continue in force from year to year after the expiration of the five-year period.

It is provided, however, that this change in contract term shall not take effect unless and until the Councils of all the various townships forming part of each rural power district pass by-laws approving such amendment in existing and future rural power contracts.

A consumer, who has a loan under *The Rural Power District Loans Act*, shall not be entitled to avail himself of cancellation of his rural contract with the township until after all obligations under the said loan have been discharged.

This change in term of contract does not apply to "guarantee" contracts.

At the end of 1936, all townships, excepting two, had passed the necessary by-law, and five-year agreements are available in most rural power districts. The two townships concerned have not passed this by-law due to conditions which require further consideration.

At the end of this section a tabulation of the rural power districts shows the miles of line, the number of consumers and the rate schedules for each district of the several systems.

RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES

Rates shown in this table became effective December 1, 1936. Miles of line and number of consumers as at October 31, 1936
 NIAGARA SYSTEM

| Rural power district | Property number | Miles of line | No. of consumers | Rural rates | | | | | | | | | | | | | | Gross consumption charges per kilowatt-hour | Prompt payment discount on gross bill |
|--|--|---|-----------------------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|---------------------------------------|
| | | | | Class..... | | | | | | | | | | | | | | | |
| | | | | Monthly consumption charged for at first energy rate | | | | | | | | | | | | | | | |
| | | | | No. of kw-hrs. per month.. | | | | | | | | | | | | | | | |
| | | | | 1B | 1C | 2A | 2B | 3* | 4 | 5 | 6A | 6B | 7A | 7B | | | | | |
| Monthly consumption charged for at second energy rate | | | | | | | | | | | | | | | | | | | |
| No. of kw-hrs. where first energy rate is | | | | less than 3 cts | 120 | 270 | 120 | 270 | 258 | 430 | 430 | 774 | 774 | 1290 | 1290 | | | | |
| | | | | 3 cts..... | 105 | 240 | 105 | 240 | 228 | 380 | 380 | 684 | 684 | 1140 | 1140 | | | | |
| | | | | 3.1 to 4 cts..... | 75 | 180 | 75 | 180 | 168 | 280 | 280 | 504 | 504 | 840 | 840 | | | | |
| | | | | 4.1 to 5 cts..... | 60 | 150 | 60 | 150 | 138 | 230 | 230 | 414 | 414 | 690 | 690 | | | | |
| | | | | more than 5 cts. | 45 | 120 | 45 | 120 | 108 | 180 | 180 | 324 | 324 | 540 | 540 | | | | |
| Property number | | | | Maximum gross monthly service charge to farmers† | | | | | | | | | | | | | | | |
| | | | | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | | | |
| | | | | 1.11 | 1.11 | 1.11 | 1.11 | 1.79 | 2.50 | 3.08 | 3.54 | 4.62 | 5.58 | 5.58 | 5.58 | 5.58 | | | |
| | | | | Gross monthly service charge to consumers other than farmers | | | | | | | | | | | | | | | |
| | | | | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | | |
| Acton Ailsa Craig Alvinston Amherstburg Aylmer | N5 D1 N4 D7 N18 D9 N15 D3 N11 D2 | 11.18 5.59 10.60 74.39 140.03 | 35 17 17 649 774 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |
| | | | | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |
| | | | | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |
| | | | | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |
| | | | | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |
| Ayr Baden Beamsville Belle River Blenheim | N12 D4 N7 D1 N44 D3 N15 D2 N14 D3 | 27.26 115.83 180.34 46.25 70.50 | 104 536 1,661 464 372 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |
| | | | | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |
| | | | | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |
| | | | | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |
| | | | | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |
| Bond Lake Bothwell Brampton Brant Brigden | N3 D3 N14 D10 N13 D2 N12 D1 N18 D8 | 185.33 42.05 60.76 123.63 37.57 | 1,853 166 191 679 124 | 1.10 | 1.80 | 1.32 | 1.80 | 1.89 | 2.03 | 2.83 | 3.50 | 4.01 | 5.24 | 6.33 | 6.33 | | | | |
| | | | | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |
| | | | | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |
| | | | | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |
| | | | | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |
| Burford Caledonia Chatham Chippawa Clinton | N12 D2 N2 D5 N14 D1 N1 D7 N8 D11 | 55.57 113.43 171.06 31.16 70.61 | 299 608 939 206 404 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |
| | | | | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |
| | | | | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |
| | | | | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |
| | | | | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 7.44 | | | | |

| | | | | | | | | | | | | | | | | | | |
|-----------------|---------|--------|-------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|----|
| Delaware..... | N4 D3 | 145.94 | 722 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Dorchester..... | N4 D1 | 120.18 | 656 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Dresden..... | N14 D12 | 31.50 | 103 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Drumbo..... | N12 D5 | 65.70 | 305 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Dundas..... | N2 D1 | 143.00 | 869 | 1.30 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.25 | 0.75 | 10 |
| Dunville..... | N1 D9 | 22.28 | 133 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Dutton..... | N11 D3 | 50.82 | 199 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Elmira..... | N7 D3 | 26.05 | 99 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Elora..... | N5 D4 | 56.04 | 294 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Essex..... | N15 D7 | 99.34 | 506 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4.5 | 2 | 0.75 | 10 |
| Exeter..... | N4 D6 | 71.35 | 714 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Forest..... | N18 D6 | 54.28 | 215 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Galt..... | N6 D2 | 42.58 | 357 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |
| Georgetown..... | N5 D2 | 61.31 | 298 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Goderich..... | N8 D2 | 51.27 | 209 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Grantham..... | N44 D1 | 64.67 | 892 | 1.00 | 1.50 | 1.26 | 1.86 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |
| Guelph..... | N5 D3 | 107.35 | 647 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |
| Haldimand..... | N2 D8 | 89.11 | 412 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4.5 | 2 | 0.75 | 10 |
| Harriston..... | N8 D5 | 24.05 | 64 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Harrow..... | N15 D4 | 71.83 | 695 | 1.20 | 1.90 | 1.40 | 1.90 | 2.00 | 2.16 | 3.00 | 3.70 | 4.26 | 5.56 | 6.70 | 4.5 | 2 | 0.75 | 10 |
| Ingersoll..... | N10 D3 | 187.23 | 652 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5.5 | 2 | 0.75 | 10 |
| Jordan..... | N44 D2 | 44.44 | 429 | 1.06 | 1.86 | 1.38 | 1.86 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |
| Keswick..... | N3 D5 | 64.43 | 1,202 | 1.20 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Kingsville..... | N15 D5 | 145.96 | 1,555 | 1.00 | 1.69 | 1.24 | 1.69 | 1.78 | 1.91 | 2.67 | 3.29 | 3.78 | 4.93 | 5.96 | 3 | 2 | 0.75 | 10 |
| Listowel..... | N8 D8 | 82.35 | 368 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| London..... | N4 D2 | 206.86 | 2,389 | 0.90 | 1.59 | 1.14 | 1.59 | 1.67 | 1.79 | 2.50 | 3.09 | 3.54 | 4.62 | 5.59 | 3 | 1.5 | 0.75 | 10 |
| Lucan..... | N4 D5 | 45.43 | 152 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Lynden..... | N2 D2 | 69.41 | 286 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Markham..... | N3 D1 | 140.52 | 1,064 | 1.20 | 1.90 | 1.40 | 1.90 | 2.00 | 2.16 | 3.00 | 3.70 | 4.26 | 5.56 | 6.70 | 4 | 2 | 0.75 | 10 |
| Merlin..... | N14 D15 | 98.79 | 370 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Milton..... | N13 D3 | 78.88 | 375 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Milverton..... | N8 D9 | 50.11 | 205 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Mitchell..... | N8 D7 | 70.11 | 365 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4.5 | 2 | 0.75 | 10 |
| Newmarket..... | N3 D4 | 80.47 | 464 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Niagara..... | N1 D1 | 52.05 | 337 | 1.20 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |

*A "Farmer" is considered as a customer owning and operating farm land, 5 acres or more, and producing farm products for sale from the land so occupied. †Service charge \$1.20 in suburban area.

RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES

NIAGARA SYSTEM—Continued

| Rural power district | Class..... | Rural rates | | | | | | | | | | Gross consumption charges | | Prompt payment discount | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | Property number | Miles of line | No. of consumers | Gross monthly service charge to consumers other than farmers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 1B | 1C | 2A | 2B | 3* | 4 | 5 | 6A | 6B | 7A | 7B | First energy rate† | Second energy rate† | Rate for all additional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|-----------------|-----|----|--------|-------|------|------|------|------|------|------|------|------|------|------|------|---|-----|------|----|
| Welland..... | N1 | D5 | 288.87 | 2,920 | 1.00 | 1.87 | 1.38 | 1.87 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |
| Woodbridge..... | N16 | D1 | 232.46 | 1,197 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 2 | 0.75 | 10 |
| Woodstock..... | N10 | D2 | 138.72 | 737 | 1.30 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 2 | 0.75 | 10 |

Total, Niagara system.....7,578.53 51,520 *See footnote on page 106. †See heading to first page of table.

GEORGIAN BAY SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|------------------|------|----|-------|-----|------|------|------|------|------|------|------|------|------|------|------|-----|-----|------|----|
| Alliston..... | S32 | D1 | 25.05 | 158 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Arthur..... | E13 | D2 | 2.40 | 10 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Bala..... | GB13 | D1 | 46.72 | 295 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Barrie..... | S4 | D1 | 77.08 | 611 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Baysville..... | M10 | D1 | 32.55 | 182 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Beaumaris..... | M7 | D1 | 47.25 | 359 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Beaverton..... | W2 | D1 | 32.41 | 398 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Beeton..... | S33 | D1 | 1.80 | 5 | 1.22 | 1.89 | 1.39 | 1.89 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Bradford..... | S37 | D1 | 27.17 | 91 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Bruce..... | E19 | D1 | 62.65 | 311 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Buckskin..... | S24 | D1 | 1.75 | 22 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Cannington..... | W3 | D1 | 10.09 | 53 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Chatsworth..... | E3 | D1 | ..... | 22 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Cookstown..... | S35 | D1 | 0.90 | 3 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Creemore..... | S10 | D2 | 33.22 | 140 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Dundalk..... | E5 | D1 | 4.05 | 21 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Elmvale..... | S7 | D1 | 26.25 | 160 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5.5 | 2 | 0.75 | 10 |
| Flesherton..... | E1 | D1 | 2.60 | 27 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Gravenhurst..... | M4 | D1 | 5.64 | 29 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Hawkestone..... | S9 | D1 | 38.35 | 243 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |
| Holstein..... | E7 | D1 | 0.50 | 8 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Huntsville..... | M2 | D1 | 41.30 | 174 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Innisfil..... | S31 | D1 | 41.24 | 728 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Lucknow..... | E24 | D1 | 0.11 | 2 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Mariposa..... | W9 | D1 | 50.50 | 336 | 1.20 | 1.90 | 1.40 | 1.90 | 2.00 | 2.16 | 3.00 | 3.70 | 4.26 | 5.56 | 6.70 | 6 | 2 | 0.75 | 10 |
| Markdale..... | E1 | D2 | 20.85 | 87 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Meaford..... | E14 | D1 | 6.39 | 34 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Medonte..... | S18 | D1 | 23.30 | 112 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Midland..... | S1 | D1 | 55.85 | 296 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Minden..... | G37 | D1 | 2.61 | 39 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |

†Cedarhurst and Maple Beach Extensions.

RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES

| Rural power district | Class..... | Property number | Miles of line | No. of consumers | Rural rates | | | | | | | | | | | Gross consumption charges | | Prompt payment discount | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | Gross monthly service charge to consumers other than farmers | | | | | | | | | | | First energy rate† | Second rate‡ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Gross monthly service charge to consumers other than farmers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|--|------|----|--------|-------|------|------|------|------|------|------|------|------|------|------|------|---------|------|
| Iroquois..... | L9 | D1 | 91.61 | 474 | 1.11 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | Special | |
| Kemptville..... | H9 | D1 | 5.43 | 51 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 |
| Kingston..... | C44 | D1 | 160.09 | 974 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 |
| Lakefield..... | C18 | D1 | 29.49 | 126 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 |
| Marmora..... | C47 | D1 | 3.25 | 17 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 |
| Martintown..... | L13 | D1 | 25.82 | 166 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 |
| Maxville..... | L14 | D2 | 69.27 | 438 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 |
| Millbrook..... | C25 | D1 | 22.26 | 140 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 |
| Napanee..... | C43 | D1 | 131.26 | 640 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 |
| Nepean..... | T1 | D1 | 198.97 | 1,282 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 |
| Newcastle..... | C22 | D1 | 30.45 | 137 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 |
| Norwood..... | C31 | D1 | 18.88 | 102 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 |
| Omenee..... | C26 | D1 | 5.22 | 10 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 |
| Oshawa..... | C24 | D1 | 142.84 | 1,798 | 1.00 | 1.69 | 1.24 | 1.69 | 1.78 | 1.91 | 2.67 | 3.29 | 3.78 | 4.93 | 5.96 | 3 | 1.75 |
| Perth..... | H2 | D1 | 17.43 | 87 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 |
| Peterborough..... | C20 | D1 | 71.24 | 1,214 | 0.63 | 1.16 | 0.79 | 1.21 | 1.59 | 1.66 | 2.01 | 2.57 | 2.91 | 3.81 | 4.62 | 4 | 2 |
| Prescott..... | L2 | D1 | 37.16 | 215 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 |
| Renfrew..... | QM16 | D1 | 30.27 | 203 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 |
| Smiths Falls..... | H3 | D1 | 73.18 | 444 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 |
| Stirling..... | C35 | D1 | 27.81 | 117 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 |
| Trenton..... | C3 | D1 | 62.46 | 279 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 |
| Warkworth..... | C49 | D1 | 0.77 | 10 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 |
| Wellington..... | C45 | D1 | 119.34 | 513 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 |
| Williamsburg..... | L7 | D1 | 33.60 | 181 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 |
| Total, Eastern Ontario system, 1,985.93 13,212 | | | | | | | | | | | | | | | | | |
| THUNDER BAY SYSTEM | | | | | | | | | | | | | | | | | |
| Fort William..... | P10 | D1 | 55.60 | 207 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 |
| Port Arthur..... | P2 | D1 | 30.33 | 149 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 |
| Total, Thunder Bay system..... | | | 85.93 | 356 | | | | | | | | | | | | | |
| MANITOULIN RURAL POWER DISTRICT | | | | | | | | | | | | | | | | | |
| Manitoulin..... | FM1 | D1 | 37.25 | 189 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 |
| NORTHERN ONTARIO PROPERTIES—NIPISSING DISTRICT | | | | | | | | | | | | | | | | | |
| North Bay..... | Z4 | D1 | 15.27 | 452 | 0.87 | 1.38 | 1.01 | 1.38 | 1.44 | 1.56 | 2.17 | 2.68 | 3.07 | 4.01 | 4.84 | 6 | 2 |
| Powassan..... | Z8 | D1 | 4.10 | 19 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 |
| Total, Nipissing district..... | | | 19.37 | 471 | | | | | | | | | | | | | |

Total, all systems: Miles of line, 10,807.86. † Number of consumers, 73,614. *See footnote on page 106. ‡See heading to first page of table.
¶This total includes 170.69 miles of primary line under construction on October 31, 1936, to serve 604 new consumers.

CLASSIFICATION OF SERVICES FOR RURAL POWER DISTRICTS

When contracts between the consumer and the township have been executed, users of power in townships are supplied with electric service under general classes, according to the requirements and conditions of the individual consumer, as follows:

| Class | Service | Class demand kilowatts | Phase | Volts | Fuse rating amperes (maximum) |
|-------|---------------------------------|------------------------|----------|----------------|-------------------------------|
| 1B | Hamlet Lighting..... | 1.32 | 1 | 110 | 20 |
| 1C | “ “..... | 2 | 1 | 220/110 | 35 |
| 2A | House Lighting..... | 1.32 | 1 | 110 | 20 |
| 2B | Small Farm Service..... | 2 | 1 | 220/110 | 35 |
| 3 | Light Farm Service | 3 | 1 | 220/110 | 35 |
| 4 | Medium Farm Service..... | 5 | 1 | 220/110 | 50 |
| 5 | “ “ “..... | 5 | 3 | 220/110 | 35 |
| 6A | Heavy Farm Service..... | 9 | 1 | 220/110 | 100 |
| 6B | “ “ “..... | 9 | 1 and 3 | 220/110 | 60 |
| 7A | Special Farm Service..... | 15 | 1 | 220/110 | According to load |
| 7B | “ “ “..... | 15 | 1 and 3 | 220/110 | According to load |

Class 1: Hamlet Service—Includes service to consumers (other than farm and power users) in hamlets, where four or more consumers are served from one transformer. Service is given under two sub-classes as follows:

Class 1-B: Service to residences or stores, including use of portable appliances, and permanently installed appliances not exceeding 1,320 watts.

Class 1-C: Service to residences or stores with electric range or ordinary permanently installed appliances greater than 1,320 watts. Where a combination of residence and store can be supplied from one service, the combination is billed as a single Class 1-C consumer. Special or unusual loads will be treated specially.

Class 2-A: House Lighting—Includes service to all consumers other than farm and power users that cannot be grouped as in Class 1.

Class 2-B: Farm Service, Small—Includes service for lighting of farm buildings, power for miscellaneous small equipment and power for single-phase motors not exceeding 2 horsepower and electric range if motors and range are not used simultaneously, on a farm of fifty acres or less.

Class 3: Farm Service, Light—Includes service for lighting of farm buildings, power for miscellaneous small equipment and power for single-phase motors not exceeding 3 horsepower and electric range if motors and range are not used simultaneously.

Class 4: Farm Service, Medium Single-Phase—Includes service for lighting of farm buildings, power for miscellaneous small equipment and power for single-phase motors up to 5 horsepower demand and electric range if motors and range are not used simultaneously.

Class 5: Farm Service, Medium 3-Phase—Includes service for lighting of farm buildings, power for miscellaneous small equipment and power for 3-phase motors up to 5-horsepower demand and electric range if motors and range are not used simultaneously.

Class 6: Farm Service, Heavy—Includes service for lighting of farm buildings, power for miscellaneous small equipment and power for motors up to 5-horsepower demand and an electric range, or 10-horsepower demand without an electric range. Single- or three-phase service will be given at the discretion of The Hydro-Electric Power Commission of Ontario.

Class 7: Farm Service, Special—Includes service for lighting of farm buildings, power for miscellaneous small equipment, power for 3-phase motors from 10- to 20-horsepower demand and electric range. Single- or three-phase service will be given at the discretion of The Hydro-Electric Power Commission of Ontario.

Note: Classes 2B to 7B are designed primarily to cover the service requirements of farmers. Consumers other than farmers who require a more comprehensive service with greater demand than is provided for in classes 1B, 1C and 2A may obtain this service upon payment of the specified service charge listed in the table of rates.

Note: Class 2B is the service usually supplied to farms of fifty acres or less and Class 3 is the service usually supplied to larger farms. More than 90 per cent of new contracts for farm service are in one or other of these classes.

SECTION IV

HYDRAULIC ENGINEERING AND CONSTRUCTION

IN the field of new power development, activities of the Hydraulic department were confined to northern Ontario. Load growth in mining districts demanded plant extensions, particularly in the district of Patricia, where a second plant was built at Rat Rapids on the Albany river, and an extension to the Ear Falls plant on the English river commenced. These two plants, while not of great capacity, have had an important bearing on the development of mines to the north of the rivers named.

The completion of the Abitibi Canyon development made available additional supplies of power for mining, metallurgical and other industries in a very large area in the districts of Sudbury, Timiskaming and Cochrane.

Improvements were made in other northern Ontario developments, as for example at the McVittie generating station on the Wanapitei river, where a new dam and headworks were built, mechanical equipment overhauled, and the tailrace improved.

In the Niagara district changes were made at the intake of the Ontario Power plant, to forestall the reduction in plant output that in the past has been caused by large quantities of ice entering the intake, a condition accentuated in recent years by the extremely low water levels in the Niagara river.

Eight hydraulic construction jobs were handled by the Construction department, involving an expenditure of \$304,640 for labour. A description of each of these is included in this Report.

Extensive surveys of power and storage sites were conducted during the year: on the Frederick House river for the benefit of the Abitibi development; on the Ogoki river for the benefit of the Nipigon and Niagara river developments, and on the Madawaska river for the benefit of power supply in the Eastern Ontario system. The Commission controls several sites on the Madawaska river, at which about 100,000 horsepower may be economically developed.

Other activities of this department included the collection of hydrometric records, control of storage works, rehabilitation or re-design and reconstruction of several existing works for the development of power or storage of water, and numerous other matters in connection with Commission lands and properties.

NIAGARA SYSTEM

Ontario Power Plant

During recent years, water levels in lake Erie and the Niagara river have reached unprecedentedly low stages. As a consequence, ice has caused more operating difficulty than usual. To cope with this situation, improvements have been made at the intake of the Ontario Power plant. Some time ago flashboards were erected along the greater part of the overflow from the outer forebay to reduce the inflow through the diverter, and therewith the amount of ice drawn into the forebay. To effect a further improvement, a bridge, providing support for, and the means to handle, needle beams, was erected over the remaining part of the overflow. With the needle beams in place, no water entering the outer forebay now passes over the overflow. The velocities under the diverter wall are consequently reduced, and less ice is drawn into the forebay. By the removal of the needle beams the smaller ice accumulations that do occur can be flushed out.

In addition to this, the small ice chute at the end of the screen house has been removed, and one much wider and deeper built in its place to enable accumulations of ice in the screen house to be flushed into the river below the overflow.

EASTERN ONTARIO SYSTEM

A survey of certain undeveloped sites on the Madawaska river was made, preparatory to planning development of the sites. The surveys extended over those parts of the river that would be affected by developments at Claybank, Stewartville, Burnstown and High falls. These and other sites controlled by the Commission have a capacity estimated at 100,000 horsepower. The survey and office work on the reduction of the survey records are continuing.

Repairs were made to the Bark Lake storage dam, a rock-filled timber crib and earth-fill structure, which provides storage for use at power sites on the Madawaska river.

At the Galetta generating station a portion of the forebay wall which had failed was reconstructed. In addition to these emergency repairs, the turbines and governors were overhauled, and repairs and improvements made to the dam and power house. The work was completed and the plant made available for service in September.

At the Calabogie development repairs were made to the main channel, dam and headworks and the turbines were overhauled and realigned.

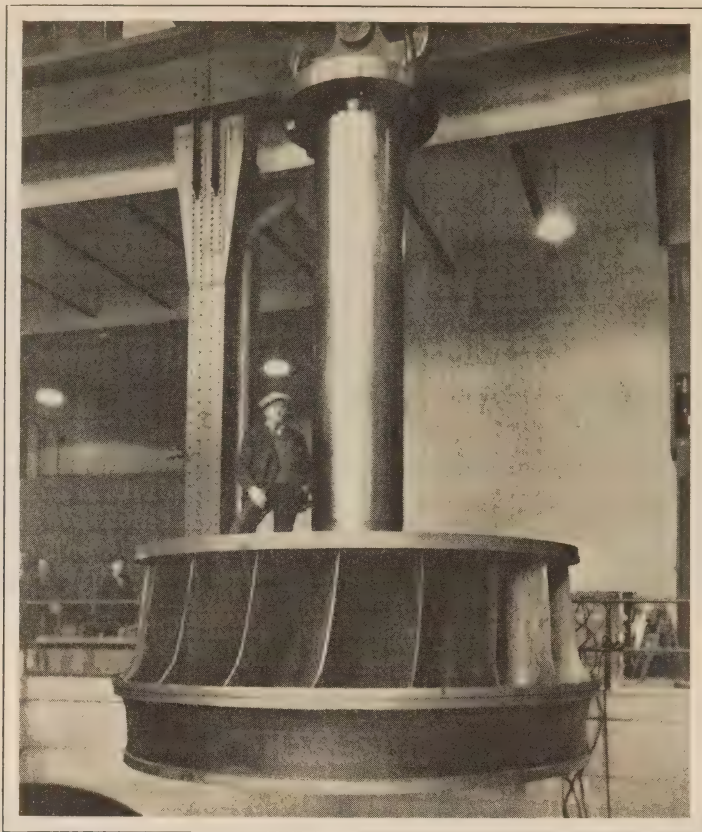
Inspections were made of three developments near Peterborough on the Trent canal system, which it was suggested might be purchased by the Commission. The value of these as generating units in the Commission's system was investigated, and estimates prepared of the cost of placing them in good operating condition.



ONTARIO POWER GENERATING STATION
Ice accumulation in front of diverter, April 1935



ONTARIO POWER GENERATING STATION
Needle beams in place closing spillway in outer forebay



NORTHERN ONTARIO PROPERTIES

**Abitibi Canyon Generating Station. Turbine runner and shaft
suspended on crane**

NORTHERN ONTARIO PROPERTIES

Abitibi District

At the end of 1935, work was in progress on the installation of units Nos. 3, 4 and 5 at the Abitibi Canyon development. Units Nos. 3 and 4 were ready for service early in November, 1935, and work on unit No. 5 was well advanced. No. 3 unit was turned over on November 30 and carried commercial load on December 18; unit No. 4 carried commercial load on January 9, and unit No. 5 on May 7, 1936.

With the completion of these three units the whole of the generating installation originally contemplated for this development is in service. In point of rated capacity this generating station is second in Ontario only to the Queenston generating station; the Abitibi Canyon plant having a turbine rating of 330,000 horsepower and Queenston plant 560,000 horsepower. The individual turbine units at Abitibi Canyon, however, are somewhat larger than those at Queenston and, as noted below, have a maximum efficiency equal to that realized at Queenston.



ABITIBI RIVER AT OTTER FALLS

Looking north and down stream from high point on west bank 18 miles below
Abitibi Canyon

Hydraulic tests were conducted upon units Nos. 1 to 4 in January and February, for the purpose of determining whether the turbines met the guarantees of the manufacturer, to measure various hydraulic losses in the plant, and to rate the plant as to water used in terms of power generated. Very satisfactory results as to efficiency and capacity were obtained, the maximum turbine efficiency reaching the high figure of 93.7 per cent, and high efficiency was maintained over a wide range of the capacity of the units.

Erosion of concrete structures in the high-water channel necessitated repairs and improvements. This work was done after work on other hydraulic structures and the power house was completed.

All work on this development was completed and the construction force disbanded by the end of the fiscal year.

The Abitibi Canyon development benefits by storage of water on lake Abitibi. With a view to effecting a further increase in the minimum flow, storage surveys were made on the Frederick House river. The proposals involve the construction of a dam and the use of Frederick House and Night Hawk lakes as storage reservoirs.



NORTHERN ONTARIO PROPERTIES

Tail-race at McVittie generating station. Improvements here, made in 1936, effected a gain of approximately two feet of head

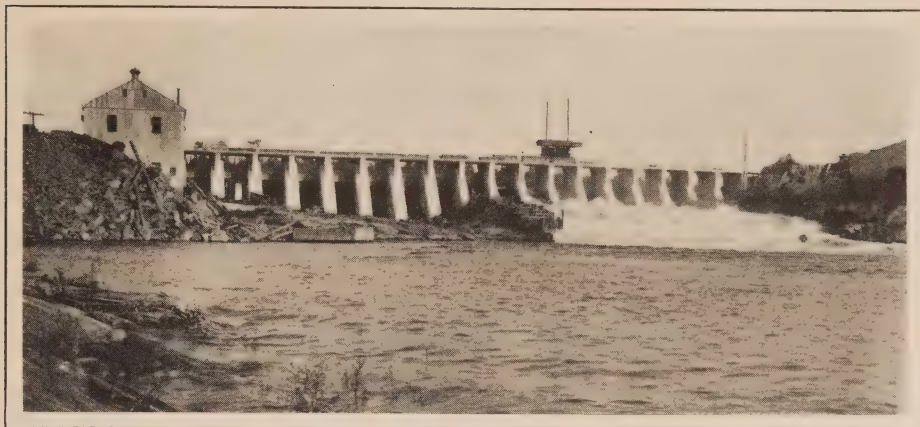
Sudbury District

At the McVittie development on the Wanapitei river, the main dam and headworks were replaced and repairs made to forebay walls. The new dam, a pier and stop-log structure of concrete, is immediately downstream from the old dam, which served as a cofferdam during construction, and is joined to the new portion of the headworks. Repairs were made to those parts of the east forebay concrete wall which were not replaced. Improvements made in the tailrace resulted in an appreciable gain in head and plant capacity. All of this work was completed at the end of the fiscal year. The old dam will later be removed.

St. Joseph District

Rapid development of mines and mining prospects in the district of Patricia has placed demands on the generating stations at Rat Rapids on the Albany river and at Ear Falls on the English river approaching or exceeding their capacity, and new power contracts have required the extension of both plants.

The Rat Rapids development on the Albany river at the outlet of lake St. Joseph was built to supply the requirements of mines in and around Pickle lake, about twenty-five miles north of the generating station. It was designed originally to generate 1,200 horsepower at a head of $14\frac{1}{2}$ feet, but due to insistent demand for more power the head was increased to about 17 to 18 feet, and the resulting capacity to 1,600 horsepower. Increased activity in the district has necessitated the construction of a second development at the site.



NORTHERN ONTARIO PROPERTIES

Ear Falls dam and generating station. The extension to this station is being built adjoining, and to the right of the present station

The new development contains a single vertical propeller type turbine in concrete casing, rated at 1,750 horsepower under a head of 16 feet, directly connected to a generator rated at 1,500 kv-a. at 85 per cent power factor, 2,300 volts. Construction was facilitated in this new development as compared with the old by the improved transportation facilities now available. Transportation of material to such a site as this, however, is still difficult and expensive. The plant first carried commercial load on September 29, 1936.



NORTHERN ONTARIO PROPERTIES

General view of Rat Rapids development. The new development completed in 1936, is in the channel to the right of the construction camp

Patricia District

Similar conditions as to load demands were experienced in the district served by the Ear Falls generating station on the English river. An extension similar in design and capacity to the original development is under construction. It will contain a single vertical propeller type unit rated at 5,000 horsepower, 180 r.p.m. under a head of 36 feet, directly connected to a generator rated at 4,500 kv-a, at 85 per cent power factor, 6,600 volts.

HYDRAULIC INVESTIGATIONS

The proposals of the Canadian Niagara Power Company to build a gathering dam in the Niagara river in front of the intake to its generating station were studied. The purpose of the structure is to restore the head-water levels lowered, in part, by recession of the crest of the falls, and to overcome the reduction in generating capacity due to ice accumulation in the forebay.

A study of the Trent canal system covering existing and possible future power developments was made.

The possible diversion of the upper waters of the Ogoki river into lake Nipigon and thence to the Great Lakes system was further studied.

The diversion would provide additional stream flow for present and future power developments on the Nipigon, St. Marys, Niagara and St. Lawrence rivers. Preliminary investigations, made some years ago, indicated that the proposal merited further study. Topographic surveys were therefore made in 1926, and preliminary studies and estimates based on them. During the past summer two survey parties were placed in the field to continue the topographic studies from the point at which they ceased in the earlier survey and to collect data in connection with subsurface material at points where dams and other structures might be located, and along the proposed outlet channels leading to lake Nipigon.

The power possibilities of the Ottawa river have been further studied, and various problems, including water supply, storage, existing and future developments, interprovincial co-operation, markets for power, and other matters have been considered.

SECTION V

ELECTRICAL ENGINEERING AND CONSTRUCTION

(STATION SECTION)

CONSTRUCTION work continued actively in connection with the Northern Ontario properties. Abitibi Canyon development was completed, an additional 1,500-kv-a generator was installed at Rat Rapids development and the second generator purchased for Ear Falls development.

A new 4,500-kv-a transformer station is nearly completed at Pamour. Many metering installations were installed for measuring loads of new mining customers.

A new 6,000-kv-a sub-station was constructed at Sudbury, and improvements in housing for operators at the Sudbury District developments are nearly completed. The reconstruction of Stinson development following the fire damage on September 10, and emergency installation of equipment for a temporary power supply from Espanola were carried out on a rush schedule. The Stinson plant was restored to full capacity by October 30.

On the Niagara system the transformer capacity of seven distributing stations was increased and three new stations were constructed. Transformer changes were made at Welland transformer stations. Re-arrangements of circuits were carried out at the Niagara transformer station and at the Ontario Power and Toronto Power plants. Improvements in relaying were made at several stations.

Transformer capacities, on Eastern Ontario system were increased at Oshawa, Bowmanville, Kingston, Smiths Falls, Williamsburg, Renfrew and Belleville sub-stations and at Galetta development.

Load growth in the mining area east of Nipigon river required increased capacity of transformers at Cameron Falls transformer station on the Thunder Bay system and the raising of the transmission voltage to 44,000 volts.

On Georgian Bay system, increased transformer capacity was provided at Penetang for the rural station and at Big Chute development a 100-kv-a transformer was installed.

Engineering studies on all systems were continued throughout the year.

Nearly five hundred kilowatt-hour meters were installed at metering stations on all systems and districts.

The Construction department carried out, in all, 191 jobs for the Station section, including new transformer stations at Pamour and Sudbury, a new switching station at Kirkland Lake, reconstruction of Stinson generating station, and additional transformer banks and equipment at many points throughout the various systems.

NIAGARA SYSTEM

Generating and Step-up Transformer Stations Stations on Niagara River

Engineering studies were conducted throughout the year to make more effective use of the existing equipment and improve operating conditions in the plants at Niagara, and to meet load requirements.

The 12,000-volt cables to Niagara transformer station and the transformer banks in the station were re-arranged. The relaying systems on both the 110,000-volt and 46,000-volt transformer banks were improved. Modern lightning-arresters were installed on the 60,000-volt lines at Ontario Power transformer station, and the 30,000-volt transformer banks were reconnected for 60,000-volt service.

Transformer and Distributing Stations

Niagara District—The power supply to Welland was changed from 60,000 volts to 46,000 volts and the bank of three 5,000-kv-a transformers was replaced by a bank of three 5,500-kv-a transformers and a spare unit obtained from Toronto-Davenport transformer station. The new bank was arranged for outdoor service and connected to supply power to Electro-Metallurgical Company at 26,400 volts. Certain equipment in the company's plant was adjusted to accommodate this new voltage. The three 5,000-kv-a transformers released from Welland were moved to Thorold. The bank of three 2,400-kv-a transformers at this station was re-connected for 46,000 volts and supplies power for the local load at 12,000 volts. A bank of similar capacity will be released from Thorold and installed in parallel.

The power supply to Thorold is being changed from 60,000 volts to 110,000 volts and the bank of three 5,000-kv-a transformers is being re-connected for this purpose and a duplicate bank transferred from Welland is being installed. One of the banks of three 2,400-kv-a transformers now at this station will be installed at Welland and the other at Niagara transformer station.

St. Catharines Burgoyne switching station was installed on the site of St. Catharines municipal station No. 3. It includes equipment for two 12,000-volt feeders. The station is unattended but the oil circuit-breakers are equipped with relays which signal any automatic operation to St. Catharines Vine street station and St. Catharines municipal office. Telephone equipment was installed.

At Lincoln distributing station the 12,000-volt Grimsby feeder was removed and changes were made in the metering equipment.

At Union Carbide metering station the 46,000-volt metering equipment was removed and the necessary 220-volt metering equipment installed.

At Garden City Pulp and Paper Company's plant at Merritton the necessary 12,000-volt metering equipment was installed.

At Jordan distributing station a 300-kv-a, 3-phase transformer, obtained from system reserve, was installed temporarily in parallel with the existing bank of similar rating.

At St. Davids distributing station a 150-kv-a, 3-phase transformer, obtained from system reserve, was installed temporarily in parallel with the existing 300-kv-a bank.

Hamilton and Dundas District—At Dundas transformer station a septic tank and disposal bed were installed.

At Hamilton Beach transformer station metering equipment was installed on the 13,200-volt feeder supplying power to Dominion Foundries and Steel Company Limited. The air-insulated current-transformers were removed from No. 1 and No. 2 transformer banks and two neutral busses were installed and connected direct to the neutral bushings of the transformers. High-speed relaying equipment was installed on the 110,000-volt circuit to Hamilton-Stirton transformer station.

Fruitland distributing station was installed about midway between Fruitland and Stoney Creek to supply power to the village of Stoney Creek and a section of Saltfleet rural power district. Three new 250-kv-a transformers were purchased for the installation and the station placed in service in October.

At Port Nelson distributing station the bank of three 250-kv-a transformers was replaced by a bank of three new transformers of similar rating and the removed transformers were rebuilt with modern windings and installed at Tavistock distributing station.

At Stoney Creek metering station and Burlington, Bronte and Oakville distributing stations additional metering equipment was installed. At the latter two stations and at Waterdown distributing station larger capacity current transformers were installed.

At Bartonville switching station the 60-cycle power for station service was replaced by 25-cycle power from Saltfleet rural power district.

Toronto and York District—At Toronto-Leaside transformer station another 250-volt storage-battery was installed and a ventilating fan was placed in the roof of the control-room. Improvements were made in the relaying equipment which controls the automatic starting of the 25,000-kv-a synchronous-condensers. A number of tests were made with oscillographs to study the starting conditions of the synchronous-condensers.

At Cooksville transformer station current-balance relays were installed on the Brampton feeders.

At Clarkson an outdoor distributing station was erected to supply power to the surrounding district. Three 250-kv-a single-phase transformers were purchased and the station was placed in service in June.

At Rifle Ranges, Toronto Township, Port Credit, Albion Park and Willowdale distributing stations changes were made in the metering equipment.

At Willowdale auto-transformer station automatic-re-closing equipment was installed on the two 13,200-volt oil circuit-breakers controlling the auto-transformers.

At Brampton municipal station changes are being made at the request of Brampton Hydro-Electric Commission to improve operating conditions. Two new, high-voltage and four low-voltage oil circuit-breakers and all necessary auxiliary switching equipment were purchased and installed. The voltage was changed from 2,300 to 4,000-volts and a new relaying system was installed. The work should be completed in November.

London District—In Thorndale metering station changes were made in the equipment.

At Lucan distributing station the Granton feeder was relocated on the opposite side of the building and the current-transformers were replaced with larger capacity units.

At Exeter distributing station changes were made in the metering equipment.

Guelph District—At Guelph transformer station additional relays were installed for differential protection on the 13,200-volt bus.

At Georgetown distributing station the metering equipment was rearranged. The supply of 13,200-volt power to Georgetown (Provincial Paper) distributing station through this station was discontinued and all connections were removed. Switching equipment was installed outdoors whereby either of these stations can now be supplied direct from Guelph transformer station or Cooksville transformer station. The Provincial Paper Company's load is now metered at the company's plant.

Kitchener District—At Kitchener transformer station disconnecting switches were installed in the connections from the two transformer banks to the 13,200-volt emergency bus.

At St. Jacobs distributing station the bank of three 100-kv-a transformers was removed and three new 250-kv-a transformers installed in order to provide for the increasing load on the station. The released transformers were transferred to system reserve.

At Mannheim a distributing station was installed to supply power to the surrounding district. Three 75-kv-a transformers released from Tillsonburg rural station were used for this installation and the station was placed in service in August.

Stratford District—At Tavistock distributing station the capacity was increased. The three 250-kv-a transformers removed from Port Nelson distributing station and rebuilt were installed and placed in service in October. The three 150-kv-a transformers which were replaced will be transferred to system reserve.

At Clifford and Brussels metering stations new metering equipment was installed.

At Milverton distributing station, ventilators were installed in the roof and walls.

Woodstock District—At Tillsonburg rural station the transformer capacity was increased. The three original 75-kv-a transformers were replaced by a bank of three 150-kv-a units which were recently released from Port Stanley distributing station. The removed transformers were used at Mannheim distributing station.

St. Thomas District—At St. Thomas transformer station potential-indicating equipment was installed on the 110,000-volt bus and lines.

At Port Stanley distributing station the indoor bank of three 150-kv-a transformers was replaced by an outdoor bank of three new 250-kv-a units to provide capacity for the increasing load. The replaced transformers were installed at Tillsonburg.

At Rodney metering station the potential-transformers were replaced.

Brant District—At Port Rowan distributing station two new single-phase, 37½-kv-a transformers were installed with the existing unit from the Walsingham rural power single-phase feeder, to complete a three-phase, 8,000/4,000-volt bank and supply 4,000-volt power to the village of Port Rowan. This installation was made necessary as the power circuit from St. Williams distributing station which was previously operating at 4,000 volts was changed to 8,000 volts. Walsingham rural power district is now supplied with three-phase power at 8,000 volts direct from St. Williams.

Essex District—At Essex transformer station metering equipment was purchased and installed to totalize the power to the city of Windsor. Improvements were made in the facilities for draining and cleaning the cooling ponds.

At East Windsor distributing station a new 24-volt battery with trickle-charger was installed to supply power for tripping the oil circuit-breakers. A 26,400-volt disconnecting-switch was also installed.

At Leamington distributing station metering equipment was installed on the 4,000-volt feeder supplying power to H. J. Heinz Company.

St. Clair District—At St. Clair transformer station improvements were made in the 26,400-volt relaying equipment.

At Oil Springs distributing station the 75-kv-a, 3-phase transformer was replaced by a 150-kv-a, three-phase unit placed on a concrete pad with the existing transformers of similar capacity. New switching equipment was also installed.

At Petrolia distributing station the 26,400-volt indoor lightning-arrester was replaced by an outdoor arrester on each feeder.

GEORGIAN BAY SYSTEM

Engineering studies were made and estimates were prepared for the development of power on the Musquash river.

Severn District—At Big Chute generating station a new frequency-meter was installed. A tap was installed on the 2,200-volt feeder to the operators' houses, to provide a connection for supplying power to Big Chute distributing station.

Big Chute distributing station was erected near the generating station to supply 6,600-volt power to Honey Harbour and a section of Medonte rural power district. A 100-kv-a transformer was purchased and the station placed in service in August.

At Penetang rural station a new 75-kv-a, single-phase transformer was installed in parallel with the existing unit to provide the necessary capacity for the increasing load in the district.

At Alliston rural metering station changes were made in the equipment to enable Alliston rural power district feeder to be connected directly to the 2,200-volt bus in the Camp Borden municipal station instead of to the feeder supplying the camp.

At Buckskin and Innisfil distributing stations the 22,000-volt fuses were replaced by more suitable equipment.

Eugenia District—At Eugenia generating station the timber foundations for the 1,500-kv-a synchronous-condenser were replaced by concrete. Equipment was installed to filter and chlorinate the water from the penstocks and pump it to the operators' houses and generating station for domestic use.

At Owen Sound distributing station a motor-operated water-pump was installed for the transformer, cooling system.

Muskoka District—At South Falls generating station forced-air cooling was installed on the bank of three 400-kv-a transformers to increase the capacity.

At Falkenburg and Beaumaris distributing stations the original fuses were replaced with more suitable equipment.

Wasdells District—At Victoria Road metering station and Port Perry distributing station, changes were made in the metering equipment.

Bala District—At Port Carling distributing station the necessary changes were made to distribute power at 4,000 volts instead of 2,300 volts.

EASTERN ONTARIO SYSTEM

110,000-volt Transformer Stations

At Smiths Falls transformer station a 3,000-kv-a, three-phase transformer, recently purchased for system reserve, was installed in parallel with the existing 1,500-kv-a transformer to enable additional power to be transmitted from the Madawaska and Rideau districts to the remainder of the system.

Central Ontario District—At Sidney transformer station grounding switches were installed on two 6,600-volt circuits.

At Auburn switching station grounding switches were installed on three 44,000-volt circuits.

At Oshawa transformer station the capacity was increased by the installation of a new 3,000-kv-a transformer replacing a 1,500-kv-a unit. The replaced transformer was used at Kingston.

At Kingston transformer station a 750-kv-a transformer was replaced by the 1,500-kv-a unit released from Oshawa distributing station.

At Bowmanville transformer station the 750-kv-a transformer released from Kingston distributing station was installed in parallel with existing units and the capacity accordingly increased.

At Belleville distributing station No. 1, a 750-kv-a, three-phase transformer was removed and a new 1,500-kv-a unit installed. The replaced unit was stored in the station.

At Belleville Lehigh Canada Cement Company distributing station changes were made in the switching and metering equipment to enable a portion of the power to be supplied at 2,400 volts instead of 575 volts. A thermostatic alarm device was installed on the transformers.

At Port Hope switching station an alarm device was installed to signal any automatic operation of the oil circuit-breakers.

At Brighton, Colborne, Newcastle and Millbrook distributing stations the 44,000-volt lightning-arresters were replaced by modern and more suitable equipment.

At Trenton Air metering station the necessary equipment was installed to measure the power supplied to the Government air-port station over the 6,600-volt lines from Sidney transformer station.

At Cobourg rural station more suitable fuses were installed on the 44,000-volt circuit.

Engineering assistance was given Peterborough Public Utilities Commission in the preparation of plans for increasing the capacity of its municipal station.

St. Lawrence District—At Williamsburg distributing station the two 100-kv-a, single-phase transformers were replaced by a 300-kv-a, three-phase transformer and power is now supplied at 4,160 volts, three-phase instead of 2,400 volts, single-phase.

At Cardinal and Maxville distributing stations more suitable fuses were installed to replace the original fuses.

Madawaska District—At Galetta generating station a bank of three 400-kv-a transformers was installed for connection to the 33,000-volt system. The transformers were transferred from Cameron Falls transformer station.

At Renfrew rural station a bank of three 75-kv-a transformers was installed to step-up the voltage from 6,600 to 11,400 volts and supply power to Renfrew rural power district and the village of Cobden.

At Cobden distributing station the necessary changes were made to receive power at 11,400 volts instead of 6,600 volts as previously.

THUNDER BAY SYSTEM

At Cameron Falls transformer station the transformer capacity was increased to supply the increasing demand for power in the Little Long Lac mining area. A bank of three 1,500-kv-a transformers was installed, replacing the original bank of three 400-kv-a units. The new transformers were obtained from Abitibi Canyon development where they had been used during the construction period. They were originally rated 13,200/33,000-

volts but new windings were purchased and installed to give a voltage rating of 13,200/44,000 volts and the system voltage was correspondingly increased. The original transformers were transferred to the Madawaska district and installed at Galetta generating station.

At Sand River Gold Mines and Leitch Gold Mines metering stations the necessary 2,200-volt equipment was installed to meter the power supplied from Cameron Falls transformer station to the respective customers at 44,000 volts.



NORTHERN ONTARIO PROPERTIES

General view of operating settlement from top of water tower at Abitibi Canyon

NORTHERN ONTARIO PROPERTIES

Nipissing District

At Nipissing and Bingham Chute generating stations improvements were made to the operators' houses.

Sudbury District

At Stinson, at McVittie and at Coniston generating stations two cottages are being built for the use of the operators.

Stinson generating station was damaged by fire on September 10, 1936. It was necessary to rebuild a large portion of the walls and replace the roof. Much of the electrical equipment had to be returned to the factory for repairs and some new equipment had to be purchased before the station could be returned to service. The first generator was again in service on October 12, and the second generator with nearly all the other equipment was returned to service on October 30.



TRANSPORTATION IN NORTHERN ONTARIO

- (1) Canoe train on Root River route, between Lac Seul and Lake St. Joseph
- (2) Scow flotilla on Lac Seul-Red Lake route, breaking channel through 3-inch ice.
Early November, 1936
- (3) Breaking channel through 3-inch ice for scow flotilla. Lac Seul-Red Lake route.
Early November, 1936

Sudbury distributing station was replaced by a new station on another site a few blocks away. The vacated building will be equipped for a store-house and garage. The original 1,000-kv-a, single-phase transformers were converted to outdoor-type, and two new duplicate units purchased to complete two three-phase banks which were installed outdoors. The necessary steel structure was erected for the 22,000-volt switching equipment, also a brick building to house the 4,000-volt switching, metering and control equipment. The original station supplied two-phase power at 2,300-volts to a portion of the Sudbury distributing system and to Sudbury and Copper Cliff Suburban Railway but as the entire system was changed for three-phase, 4,000-volts distribution the new station was arranged to supply it. A specially connected auto-transformer was purchased and installed on the station site and connected to the suburban-railway feeders in order to continue the supply of 2,300-volt two-phase power to the company's station.

In order to relieve the conditions caused by the fire at Stinson generating station arrangements were made with Abitibi Power and Paper Company for a temporary supply of power at 33,000-volts from its Espanola generating station. Permission was obtained from International Nickel Company to use its line to Copper Cliff. A bank of three 1,500-kv-a transformers in service at Smiths Falls transformer station was removed and shipped to Sudbury distributing station and located on temporary foundations. The power was stepped down through this temporary bank from 33,000 to 4,000 volts and fed into the system on the low-voltage bus on September 19. As Stinson generating station is now rebuilt the temporary supply of power has been discontinued and the transformers are being returned to Smiths Falls.

Abitibi District

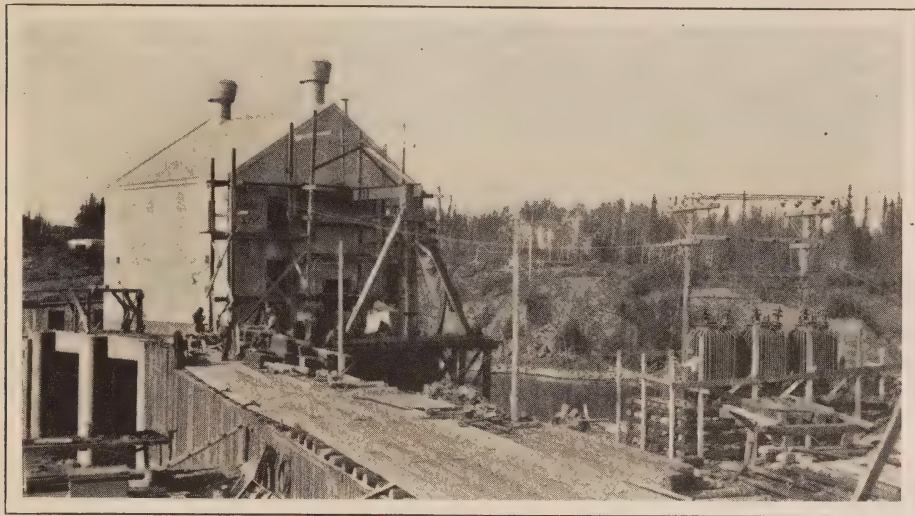
At Abitibi Canyon generating station the electrical installation was completed and placed in service except for No. 3 and No. 5 transformer banks, the installation of which has been temporarily deferred. A spare 750-kv-a station-service transformer was purchased and installed in July.

Timmins, Falconbridge and Larder Lake transformer stations which were under construction last year were completed and in service by December 1, 1935.

Pamour transformer station is being erected at Pamour Porcupine Mines Limited to provide additional capacity in the Porcupine area. A bank of three 1,500-kv-a transformers and all necessary switching and auxiliary equipment were purchased and the station should be in service in December. The transformers will be duplicates of the 1,500-kv-a transformers installed at Timmins, Falconbridge and Larder Lake transformer stations. A spare transformer of similar rating was also purchased which may be used at any of these stations.

At Smooth Rock Falls (steam) transformer station the necessary equipment was installed on the two 132,000-volt disconnecting-switches to open them automatically following other relay operations.

At Kirkland Lake transformer station, switching equipment was installed to provide for an additional 132,000-volt circuit. Additional cables and switching equipment are being installed for the 12,000-volt feeders.



NORTHERN ONTARIO PROPERTIES
Rat Rapids development—No. 2 power house under construction

Kirkland Lake switching station was installed about one mile north-west of Kirkland Lake transformer station to provide non-automatic switching on the 132,000-volt circuits. The station was placed in service on August 30. An operator's house is now being erected.

The work at Paymaster Consolidated Mines Limited which was reported last year was completed and the stations placed in service in November, 1935.

Ramore distributing station which was reported in 1935 was completed and placed in service on December 15, 1935.

At Paymaster Consolidated Mines Limited, Omega Gold Mines Limited and Falconbridge Nickel Mines Limited the necessary metering equipment was installed on the 26,400-volt side of the companies' stations to meter the power supplied to the respective customers.

At Hunta switching station permanent telephone equipment was installed.

At Moffatt Hall, Glenora Gold Mines and Kirkland Gold Rand metering stations the necessary equipment was installed to meter the power supplied from Kirkland Lake transformer station to the respective customers.

At International Nickel metering station at Copper Cliff additions were made to the metering equipment to measure the increased power supply to the customer.

At Preston East Dome Mines and Porcupine Lake Gold metering stations the necessary equipment was installed to meter the power supplied from Timmins transformer station to the respective customers.

At Hislop distributing station the necessary equipment was installed to supply single-phase power at 4,600 volts to Hislop townsite. The power is obtained through Hollinger Consolidated Gold Mines Limited station in Hislop township at 575 volts where it is metered. A 25-kv-a, 575/4,600-volt transformer was purchased for the installation.

Patricia District

At Ear Falls development a second bank of three 750-kv-a transformers was purchased and installed in parallel with the original bank to provide capacity for the total output of the existing generator. A new 4,500-kv-a generator was purchased and work is now under way for its installation. The new unit will be located in an extension to the existing building and should be ready for service in the summer of 1937.

At Red Lake Gold Shore Mines metering station, the metering equipment which was located temporarily at Howey Gold Mines sub-station was transferred to a new location in the customer's sub-station.

St. Joseph District

The capacity of Rat Rapids development was increased during the year when No. 2 unit was installed and placed in service on October 8, 1936. The new generator is a 1,500-kv-a, 60-cycle, 2,300-volt, 128.5 r.p.m. vertical-type machine with direct-connected main and pilot exciters. The transformers are 500-kv-a, single-phase units comprising a three-phase, 1,500-kv-a bank and step-up the generator voltage to system voltage of 22,000 volts. The generating station is situated about 400 feet north-west of the original station but duplicate indicating instruments for No. 2 unit are installed in No. 1 and No. 2 station and the machine can be controlled from either building.



TRANSPORTATION IN NORTHERN ONTARIO

Generator parts leaving Hudson railhead for Ear Falls—Tractor train on Lac Seul Transportation route, February, 1937

SECTION VI

TRANSMISSION, DISTRIBUTION AND RURAL SYSTEMS

TRANSMISSION LINES

EXTENSIVE additions and revisions to transmission facilities were made during 1936.

The Northern Ontario Properties, as in recent years, have demanded considerable attention. The second 132,000-volt line feeding the Kirkland Lake area was placed in service, also an extension to Larder Lake transformer station from Kirkland Lake. Seventy-two miles of 132,000-volt, wood-pole construction was completed in addition to lower voltage lines to six new mining stations.

Work is progressing in the Thunder Bay system on the Cameron Falls-Beardmore line.

Elsewhere, in the older districts, a large number of revisions and extensions were made and are in progress. Reinforcement to transmission line crossings over railways and telephone lines has continued in accordance with specifications of the Board of Railway Commissioners for Canada.

A detailed synopsis of the work completed during 1936 follows. A map showing the transmission lines and stations of the Commission will be found at the back of the Report and summary tabulations respecting transmission lines, in Appendix II.

NIAGARA SYSTEM

44,000-volt Lines

Between St. Catharines and Hamilton, the former Dominion Power and Transmission wood-pole line was transposed and re-phased.

26,400-volt Lines

The power circuit was removed from the wood-pole line between Cottam junction and Cottam distributing station, a distance of 0.80 mile. Air-break switches were removed from Maidstone and Ruthven distributing stations, and from Cottam junction. This line was used to supply the Windsor, Essex and Lake Shore electric railway which is now abandoned.

Between Sarnia Beach rural power district station and The Ontario Supply and Transport Company, 1.65 miles of wood-pole line was removed.

Air-break switches were installed on the line between Kingsville junction and Leamington distributing station to complete a connection to the Heinz Company.

Other Lines

Between Port Colborne transformer station and a new station owned by the International Nickel Company a double-circuit, 12,000-volt, steel-tower line was constructed. This tower line incorporates and replaces one of the former circuits feeding the International Nickel Company's old station so that both stations are equipped with a double-circuit supply over this route. The distance is 3,000 feet and the conductor is 1,033,500-circular-mil aluminum, which is the largest used on any of the Commission's transmission lines.

Between Thorold transformer station and Merritton switching station, the double-circuit, 173,000-circular-mil aluminum conductor was removed and replaced by a single-circuit of 345,000-circular-mil aluminum conductor, a distance of 3.95 miles.

Between a new junction established on the Merritton-St. Catharines line and the Garden City Pulp and Paper Company, 0.35 mile of 12,000-volt, wood-pole line was completed.

Rearrangement of some 12,000-volt lines in St. Catharines and vicinity was completed by the construction of 2.23 miles of single-circuit, 190,000-circular-mil copper line and the disposal of approximately 4 miles of circuit to the city.

Between the Ontario Power transformer station and Welland transformer station, 11.77 miles of double-circuit, 12,000-volt line and 13.29 miles of double-circuit, 30,000-volt line were removed. These lines were wood-pole construction and were 27 and 29 years old respectively.

A 46,000-volt, wood-pole line, 0.34 mile, was built between the Union Carbide Co. circuits and Welland transformer station.

Revisions to the circuits between Welland transformer station and the Electro Metals Company were made by the addition of a single-circuit, 26,400-volt wood-pole line, 0.28 mile long, having 500,000-circular-mil a.c.s-r* conductor, and a double-circuit, 12,000-volt, wood-pole line, 0.36 mile long, having 190,000-circular-mil copper cable.

At Dorchester distributing station the entrance structure was revised.

Between London transformer station and Strathroy municipal station, Elginfield junction and Ailsa Craig distributing station, work such as tree trimming, removal of grounding wires and revision to transpositions was completed following extensive rebuilding on these lines last year.

Between a junction established on the Kitchener-Baden line and a new distributing station at Mannheim, 1.9 miles of single-circuit, 13,200-volt, wood-pole line were completed.

Removal of 9.91 miles of $\frac{1}{4}$ -inch steel ground cable from the 13,200-volt, wood-pole line between Woodstock transformer station and Ingersoll municipal station was completed.

In the York-Cooksville district, the recently purchased Toronto Suburban, 13,200-volt, railway feeder was rehabilitated and connections established so that it forms an alternative power supply to Georgetown which was formerly connected to the Guelph district only. A junction was established

*Aluminum cable, steel-reinforced.

on the new line in the vicinity of Streetsville so that the transmission facilities to Streetsville, Milton and Brampton are reinforced.

Between Cooksville transformer station and Long Branch junction pole, 5.95 miles of 13,200-volt circuit were revised by the removal of the ground wire and increasing the conductor spacing by pole-top pin construction.

Connections were made to former Toronto Power steel-tower lines at Hurontario street and 3.65 miles of circuit utilized to feed the new Clarkson distributing station at 13,200 volts.

GEORGIAN BAY SYSTEM

High-voltage Lines

In the 110,000-volt line between Erbs junction and Hanover frequency-changer station clearances to ground were increased at two structures by replacement with higher poles.

Eugenia District

Storm guys were installed at 20 poles in the 22,000-volt line between Hanover junction and Markdale junction.

In the city of Owen Sound a short stretch of 26,400-volt, wood-pole line was moved, at the municipality's request, in order to eliminate the danger due to loading cranes being worked near the old location. Provision was made on the new line for local circuits.

In the 22,000-volt line near Kilsyth distributing station a strain-equipped, dead-end pole was erected for sectionalizing purposes.

Minor revisions were undertaken at various points in the district as the need arose.

EASTERN ONTARIO SYSTEM

Central District

In order to make provision for a 6,600-volt circuit to the airport, revisions were completed at the Trent river and canal crossing of the 44,000-volt, wood-pole line between Sidney transformer station and Belleville switching station.

New, 44,000-volt air-break switches were erected to replace an old type at Newcombe, Welcome and Whitby junctions, in the wood-pole line between these points.

Guys were added to two telephone crossings over the Trent canal near Meyersburg.

St. Lawrence District

Between Dominionville junction and Maxville distributing station, in order to eliminate the danger of numerous corners in soft ground, 0.54 mile of 44,000-volt, wood-pole line was re-routed from roads to a more direct route on private property.

Between Winchester junction and Cardinal distributing station, due to the erosion of the canal bank, 13 poles were moved to private property.

At Williamsburg distributing station, the single pole terminal was replaced by a two-pole structure in conformity with a new station structure.

At the Lower Lakes terminal station near Prescott the 44,000-volt line was extended one span to a switch structure located on a new station erected by the Department of Railways and Canals. The entrance span to the old station was removed.

THUNDER BAY SYSTEM

In the 110,000-volt line between Cameron Falls generating station and Alexander junction a two-pole crossing structure at Fraser Creek was replaced by a steel tower in a new location. This was done to eliminate the hazard of moving ice.

Between Cameron Falls generating station and the Northern Empire Mine station, insulation was added and other changes were made in order that the operating voltage might be stepped up from 33,000 volts to 44,000 volts.



NORTHERN ONTARIO PROPERTIES—TRANSMISSION LINES

Timmins transformer station and 132,000-volt lines

NORTHERN ONTARIO PROPERTIES

Abitibi District—132,000-volt Lines

Between Iroquois Falls junction and a new switching station near Kirkland Lake, a distance of 56.20 miles, the second single-circuit, 132,000-volt, wood-pole line was constructed. This line is of similar construction and is parallel to the first line built in 1934. At the Iroquois Falls end seven steel towers were erected to carry both circuits. The conductor for the steel tower section is 203,200-circular-mil a.c.s-r. which joins a section 37.28 miles long having No. 4 0 a.c.s-r., the remaining 18.14 miles to Kirkland Lake switching station having No. 2 0 copper conductor. The ground wire is $\frac{1}{4}$ -inch steel cable.



NORTHERN ONTARIO PROPERTIES—TRANSMISSION LINES

Wish-bone type of construction on 132,000-volt lines in the vicinity of Matheson;
Iroquois Falls-Kirkland Lake line



NORTHERN ONTARIO PROPERTIES—TRANSMISSION LINES

Three circuits of 132,000-volt lines adjacent to Kirkland Lake switching station

Between Kirkland Lake transformer station and Larder Lake transformer station 16 miles of single-circuit, 132,000-volt, wood-pole line were completed. This line has suspension type insulation and No. 2/0 copper conductors.

Between Abitibi Canyon generating station and Hunta²⁶ junction inspection, and revision where needed, of the 132,000-volt, steel-tower lines taken over from the Ontario Power Service Corporation was completed.

Other Voltage Lines

A 26,400-volt connection was established between Larder Lake transformer station and Omega Mines transformer station by building 650 feet of single-circuit, wood-pole line.

Between a junction established on the Timmins-Pamour line and the Porcupine Gold Mine transformer station, 2,000 feet of 26,400-volt, single-circuit, wood-pole line was completed. The conductor is 3/0 a.c.s-r.

In order to connect mining loads to sources of supply 12,000-volt, single-circuit lines were built between Glenora junction and Glenora Gold Mines, 700 feet; Bidgood Kirkland Gold Mines and Moffatt-Hall Gold Mines, 0.80 mile; Kirkland Lake transformer station and Kirkland Gold Rand mine, 1.40 miles. Each of these extensions is equipped with a telephone circuit.

Sudbury District

Between Stobie junction and Sudbury distributing station, 3.27 miles of single-circuit, 22,000-volt, wood-pole line were completed. Materials used were salvaged from the recently purchased Treadwell Yukon line.

Between Coniston generating station and Neelon junction, 6.62 miles of recently purchased 22,000-volt, wood-pole line were overhauled.

Greater capacity was installed on the existing 22,000-volt line between Stinson and Coniston generating stations by replacing the No. 3 copper conductor with 336,400 circular-mil aluminum cable.

TELEPHONE LINES—ALL SYSTEMS

Between Allanburg junction and Dundas transformer station, telephone conductor was replaced and re-coordinated with power circuits for a distance of 6.5 miles between the Caledonia Stone Road and Dundas station.

In the vicinity of Hurontario Street, Cooksville, and Sheridan, 7.9 miles of telephone pole were rebuilt to accommodate telephone circuits removed from the Middle road.

Telephone circuits were transferred to rehabilitated low-tension pole line for a distance of 2.74 miles between Dundas transformer station and Nelson junction.

Various sections of telephone pole line were rehabilitated to accommodate rural power and joint use extensions in the Niagara, Georgian Bay and Eastern Ontario systems.

In the Northern Ontario Properties, telephone revisions were carried out in the vicinity of Coppercliff, Kirkland Lake, and Timmins, to meet the needs of power system extensions.



NORTHERN ONTARIO PROPERTIES — TRANSMISSION LINES

Transmission line, 26,400 volts, between Pamour Transformer station and Pamour Mine station. This line also carries control cables

DISTRIBUTION LINES AND SYSTEMS

In Appendix III is shown, in tabular form, the progress made in the installation of new rural lines in each rural power district.

The rapidly increasing demand for electrical service in rural areas has made necessary the construction of 769 miles of new lines during the year.

The following pages contain brief reference to the principal work for the several systems in constructing rural power district lines, feeder lines, and municipal distribution systems.

In addition to this general work certain studies and investigations have been made. The coordination of fuse links has resulted in fewer service interruptions and lower cost of operation. The design of an economical type of rural line, giving consideration to conditions in Ontario, particularly glaze and wind-storm loading, has received further study. Two engineering papers were prepared and presented at the meetings in Toronto of the American Institute of Electrical Engineers and the Association of Municipal Electrical Utilities.

NIAGARA SYSTEM

Rural Line Construction

Alvinston R.P.D.—N18D9—An extension of 6.1 miles of line was built north from Alvinston distributing station to serve a group of farmers.

Aylmer R.P.D.—N11D2—Extensions totalling 15.50 miles of new line were built, on 5 miles of which special conductor was used for long-span construction.

Baden R.P.D.—N7D1—In order to improve voltage conditions in New Dundee and vicinity, arrangements were made for a new source of supply at Mannheim, and 2.25 miles of three-phase heavy conductor tie line were built to connect existing lines in New Dundee to the new Mannheim distributing station. Considerable re-construction work was done in New Dundee at the same time. Extensions totalling 14.77 miles of new line were built in this district during the year.

Bond Lake R.P.D.—N3D3—The old line on Schomberg railway right-of-way has been almost completely removed and replaced with new lines on the public highway.

Brampton R.P.D.—N13D2—The 2,300-volt supply from Brampton distribution system was disconnected; a new three-phase rural circuit was built through the town; and now the whole district is supplied at 4,000/2,300 volts from Brampton distributing station.

Brant R.P.D.—N12D1—A new line 4.2 miles in length was built, for the Department of Indian Affairs, in the Six Nations Indian reserve to give service primarily to the hospital, police barracks, and council chamber at Ohswekin. In this case metering equipment is installed at the limits of the reserve.

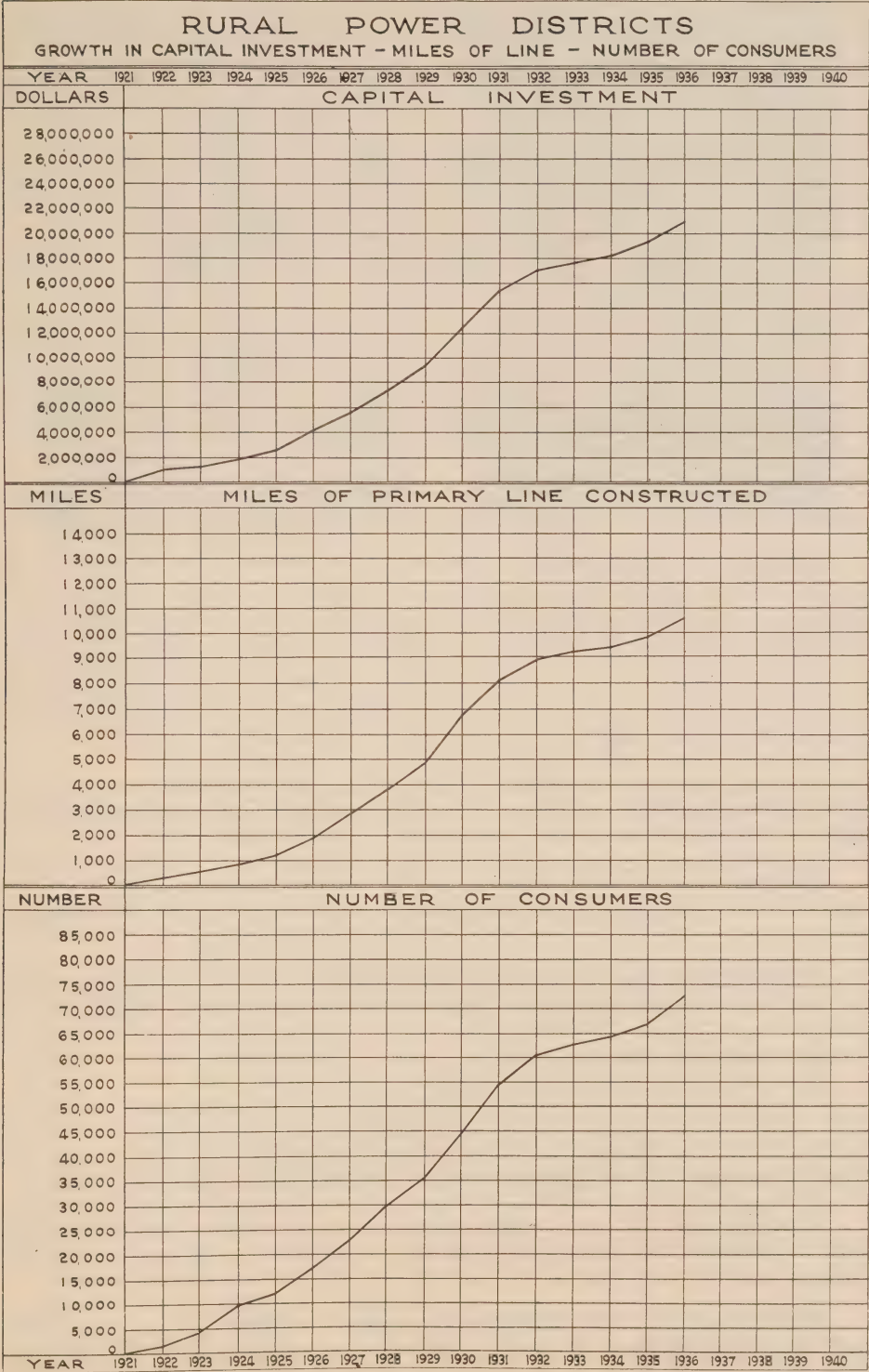
Chatham R.P.D.—N14D1—Extensions totalling 15.67 miles of new line were built and service given to hamlets of Dubuque and North Buxton, and Dover River road section. This includes a three-phase tie line 1.2 miles in length on Chatham distribution system poles from east to west limits of the city. The distribution system in the hamlet of Louisville was rebuilt to accommodate load increases.

Dorchester R.P.D.—N4D1—Two miles of rural line were rebuilt to replace deteriorated poles.

Dresden R.P.D.—N14D12—Extensions totalling 4.31 miles of line were built in this district which has previously been quite inactive. Service was given to the hamlet of Wabash and vicinity.

Dundas R.P.D.—N2D1—Extensions totalling 18.78 miles of new line were built, on part of which special conductor was used with long-span construction. Service was given to the hamlet of Mountsberg.

Haldimand R.P.D.—N2D8—Extensions totalling 18.14 miles of new line were built and service was given to consumers in South Cayuga, vicinity of Jarvis, and along the shores of lake Erie.



Keswick R.P.D.—N3D5—Considerable rehabilitation of existing lines and equipment was done to accommodate increasing load.

London R.P.D.—N4D2—Obsolete arresters and switches in the district were replaced.

Lynden R.P.D.—N2D2—A tie line was built to serve part of the district previously served from Dundas R.P.D., and to shorten the length of supply line to consumers in Sheffield and Rockton areas. An extension of 5.25 miles of line was built to serve consumers in Kirkwall and vicinity.

Norwich R.P.D.—N10D1—Extensions totalling 17.55 miles of new line were built during the year.

Preston R.P.D.—N6D1—Following investigations to determine the most economical method of improving voltage conditions in the suburban area south of Kitchener, work was started on a three-phase heavy conductor tie line to connect the new Mannheim distributing station to existing lines now fed from Preston distributing station.

St. Jacobs R.P.D.—N7D2—An investigation of methods of improving voltage conditions in this district was made and estimates submitted.

Saltfleet R.P.D.—N17D1—New tie lines were built to connect to the new Fruitland distributing station as an additional source of supply, and 50 per cent. of consumers previously supplied from the Dominion Power and Transmission 66.6-cycle lines were transferred to 25-cycle lines.

Sandwich R.P.D.—N15D1—Extensive reconstruction of lines in this district was done to accommodate increased load in the vicinity of Dillette Corners, Roseland, and Jacksons Corners.

Tilbury R.P.D.—N14D14—This district has previously been very inactive but during the year extensions totalling 18.66 miles of new line were built to serve rural consumers.

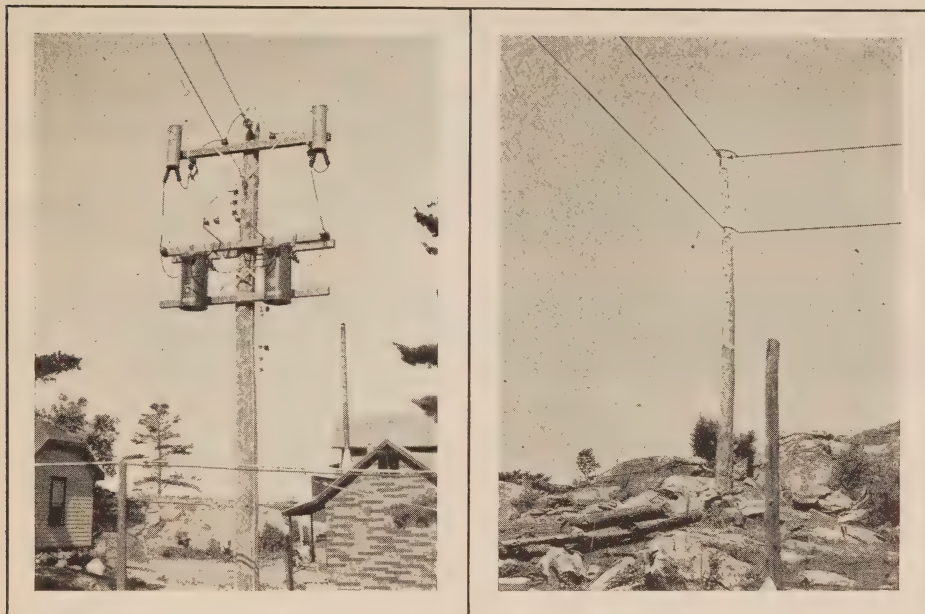
Tillsonburg R.P.D.—N10D4—Extensions totalling 17.26 miles of new line were built, on part of which special conductor was used for long-span construction.

Walsingham R.P.D.—N12D7—Extensions totalling 19.47 miles of new line were built during the year. The distribution voltage of the district was changed from 4,000/2,300 volts to 8,000/4,600 volts to accommodate increasing load and line extensions.

Waterdown R.P.D.—N2D3—Practically all consumers previously supplied from the Dominion Power and Transmission 66.6-cycle lines in this district were transferred to 25-cycle lines. Extensive changes were also made to permit road widening by the Department of Public Highways.

Woodbridge R.P.D.—N16D1—Extensions totalling 17.70 miles of line were built during the year, a large part of which was in the northern part of the district.

Woodstock R.P.D.—N10D2—Extensions totalling 12.55 miles of new line were built during the year. Obsolete arresters in the district were replaced.



RURAL ELECTRICAL SERVICE IN ONTARIO

Rural transformer installation supplying large hotel on Georgian Bay. Load is divided between two transformers so that in case of transformer failure, 50 per cent of the load will remain in service

Rural transmission lines in Muskoka frequently traverse rugged country. Illustration shows vertical construction at an angle pole

Distribution Feeder Construction

Baden D.S. to Wellesley—N735x6—A series of voltage and current charts were taken on this feeder indicating unbalanced loading. Several changes were made to balance the load and voltage conditions were considerably improved.

Fruitland D.S. to Stoney Creek—N1736x8—Construction was started on a new 25-cycle feeder line to serve consumers in Stoney Creek and vicinity, who are now being served from Dominion Power and Transmission 66.6-cycle lines.

GEORGIAN BAY SYSTEM

Rural Line Construction

Barrie R.P.D.—S4D1—Extensions totalling 15.36 miles of new line were built and service given to consumers in the hamlets of Edgar, Midhurst, Dalston and vicinity.

Dundalk R.P.D.—E5D1—A line 4.37 miles in length was built to serve consumers in the hamlet of Corbetton.

Gravenhurst R.P.D.—M4D1—A line 2.5 miles in length was built to serve the Muskoka Diatomite Ltd.

Hawkestone R.P.D.—S9D1—An extension of 4.2 miles of new line was built to serve consumers in the hamlet of Warminster and vicinity.

Meaford R.P.D.—E14D1—A line 5.14 miles in length was built to serve consumers in Sunnyside Beach and other summer resort areas. This district had previously been quite inactive.

Medonte R.P.D.—S18D1—Extensions totalling 13.86 miles of line were built and service given to consumers in Honey Harbor, Robins Point and vicinity.

Midland R.P.D.—S1D1—Extensions totalling 20.25 miles of new line were built and service given to consumers in the vicinity of Midland Point and Thunder Bay summer resorts.

Minden R.P.D.—C37D1—The first line in this district was built during the year to serve 40 consumers in the village of Minden and vicinity. Arrangements were made to purchase power from the Orillia Water, Light and Power Commission as a source of supply for this district.

Owen Sound R.P.D.—E2D1—A line, 6 miles in length, was built to serve consumers in the hamlets of Leith and Annon.

Sauble R.P.D.—E46D1—Consumers in the hamlet of Colpoys Bay and vicinity were given service.

Sparrow Lake R.P.D.—W1D1—A new line, 4.85 miles in length, was built to supply consumers in the vicinity of Floral Park on lake Couchiching.

Tara R.P.D.—E15D1—Extensions totalling 11 miles of line were built in this district, previously inactive, to serve consumers in the hamlet of Desboro and vicinity.

Tottenham R.P.D.—S34D1—The first line in this district was built during the year and an additional 4-mile extension is now in progress.

Uxbridge R.P.D.—W11D1—With the construction of 2.25 miles of tie line this district is now all fed from Uxbridge distributing station. Part of the district was formerly fed from Uxbridge distribution system.

EASTERN ONTARIO SYSTEM

Rural Line Construction

Cobourg R.P.D.—C13D1—A total of 10.83 miles of new line was built and service given to consumers in Minnatonka Park summer resort and other parts of the district.

Lindsay R.P.D.—C29D1—The capital and reserves of all lines and equipment in this district were transferred to Fenelon Falls R.P.D., thus combining the two districts.

Marmora R.P.D.—C47D1—The first line in this district 3.5 miles in length, was built to serve 15 consumers in the vicinity of Crow Lake summer resort.

Nepean R.P.D.—T1D1—Extensions totalling 10.02 miles of new line were built and service given to consumers in the vicinity of Vernon and Dalmeny.

Oshawa R.P.D.—C24D1—Extensions totalling 12.98 miles of new line were built during the year in this district.

Renfrew R.P.D.—QM16D1—Extensions totalling 19.58 miles of new line were built to serve consumers in Westmeath, Beachburg and Forresters Falls.

Williamsburg R.P.D.—L7D1—Extensions totalling 14.55 miles of new line were built and service given to new consumers in the vicinity of Elma, Dunbar, and Grantly. The voltage of the district was changed from 2,300 volts to 4,000 volts to accommodate increasing load and line extensions.

NORTHERN ONTARIO PROPERTIES

Municipal Distribution System

Hislop Townsite—FA1805—A complete distribution system was built to serve 55 consumers.



RURAL ELECTRICAL SERVICE IN ONTARIO

Rural line from Big Chute generating station passing through rugged country with spans of 400 feet and high-strength conductor

SECTION VII

TESTING — RESEARCH — INSPECTION PRODUCTION AND SERVICE

THE Testing and Inspection department is composed of the Testing and Research laboratories, the Approvals laboratory and the Electrical Inspection division. These are essentially service organizations established for the benefit of the other departments of the Commission, the Hydro municipalities and their customers. Their duties cover a wide field of activity having to do with testing, inspection and research as related to the generation, transmission and utilization of electrical energy.

The functions of the Testing and Research laboratories include general testing, inspection and research work as required by the Commission and those purchasing or using its power. The laboratories have extensive facilities for electrical, chemical, photometric and structural materials testing or research work, and have a staff capable of conducting almost any kind of inspection work in this field. The Approvals laboratory provides a special service for the manufacturers and the public in the inspection and testing of electrical appliances and devices sold under strict requirements as to fire and shock hazard. The duties of the Electrical Inspection division are confined to the inspection of electrical wiring installations, and the administration of the Commission's regulations governing such work in the Province.

The Commission's research work is organized to take full advantage of the experience and talent of all members of the staff. This is accomplished through the Research Committee under whose direction subcommittees, with members selected from various departments, conduct researches in particular fields of work. Although most of the actual testing and investigational work is assigned to the laboratory staff, the subcommittee members lend valuable assistance towards deciding upon the most direct methods of attacking these problems or by making suggestions that are helpful in their solution.

Ten subcommittees have been actively engaged, new committees being organized during the year to study problems on water and concrete. The work is widely varied, but it is interesting to note that a large percentage of the problems under investigation deal with methods of prolonging the useful life of materials. Of these, outstanding examples are: the study of fatigue failures in power conductors due to line vibrations, deterioration of trans-

former bushings, ground line decay in wood poles, corrosion of domestic water tanks, and the disintegration of concrete. It is evident that such problems are of great economic importance to the Commission, and it is encouraging to report that substantial progress is being made in their study.

TESTING AND RESEARCH LABORATORIES

Routine and General Testing

The volume of work under this heading was well maintained during the year, 64,743 tests of all classes being made in the laboratory. Although this work consists largely of tests on materials purchased under specifications, and tests required for laboratory investigations or research projects, it has many ramifications in other activities of the department.

Much of this testing requires special equipment and a staff thoroughly trained in its use. An example of this is the fatigue testing of wire for which equipment was imported from England.

Materials and Equipment Inspection

Inspections of materials and equipment showed a substantial increase over last year. This is attributed to greater activity in field construction, extensions to rural lines, and to additional work involved in new inspection duties recently assigned to this department.

Transmission Line Materials

All materials used in transmission line construction are thoroughly inspected to ensure their compliance with purchase specifications. There was a large demand for this type of service, the total valuation of porcelain insulators and line hardware inspected being approximately twenty per cent greater than last year. Inspection of copper, aluminum and galvanized steel wire amounted to 1,210 tons. This is more than double last year's total, the increase being due largely to new work involved in the inspection of aluminum wire.

Structural and Reinforcing Steel

Inspection was completed of approximately 59 tons of structural steel for Rat Rapids and Ear Falls developments, and of 3½ tons of galvanized steel for Williamsburg station. Inspection was also made of a large tonnage of miscellaneous steel such as racks, gate checks, stairs, hangers, grating and cofferdam material, required for various power plants and station structures.

Reinforcing steel amounting to 114 tons was inspected for five major concrete construction or repair operations.

Equipment

Electrical equipment inspected included 67 power transformers and 616 distribution transformers of total capacity 62,914 kv-a, 6 oil circuit-breakers of total capacity 200,800 kv-a., and 199 switches of total capacity 1,168,000 kv-a. Items of powerhouse equipment inspected and released for shipment included one 1,500-kv-a generator, one 1,750-horsepower hydraulic turbine,

one generator replacement shaft, two electric pumps, one 16-ton hoist, and many smaller items. Inspections in progress but not completed consist of one 4,500-kv-a generator and one 5,000-horsepower hydraulic turbine.

Following the fire at Stinson generating station, an inspection was made of the mechanical features of the power-house equipment to determine the extent of the damage.

Concrete

Resident concrete inspectors were stationed at construction projects at Rat Rapids, Galetta, McVittie and Niagara Falls, special attention being directed to the repair features involved. Several smaller operations were kept under observation, and assistance was given where conditions made it advisable.

Examination of the Commission's existing concrete structures for the purpose of detecting deterioration or recording its advance was continued. Thirty-two structures were inspected including two storage dams, 18 generating stations and related hydraulic structures, 7 transformer stations, 3 bridges in the Niagara district, tower footings at Burlington, and the canal walls at Queenston.

Paint

A complete inspection was made of the painted structures and equipment in the Thunder Bay district, details of which were submitted to our engineers in a comprehensive report.

Lamps

The testing and inspection of Hydro lamps sold throughout the Province was continued. A marked increase in the volume of this work was noted, 55,000 lamps being inspected at the factory and 3,800 life tests being made on lamps in the laboratory. Nearly four hundred additional lamp tests were made where information of a special nature was required.

Research

Following the practice adopted in other reports, many of the investigations conducted are classified under general headings signifying the reasons prompting their study. Others that are continuous in character, or are related to one class of material, are treated under separate headings.

New Methods and Materials

The laboratories render a service in the investigation of new materials or methods proposed for use in the Commission's operations. In this way worthy materials or methods are adopted on the basis of facts revealed in their investigation, while those found unsuitable for use, are dismissed without the costly experience that might result if they were directly applied in the field without trial. Typical examples investigated include wood strain insulators and various items of transmission line hardware, welding electrodes, rubber gloves, cleaning solutions for cable sleeves, alkali-resisting floor paints, thermostats, top lubricants for motor cars, and lighting devices.



PRESERVATIVE TREATMENT OF WOOD POLES IN PLACE BY
SAND-CREOSOTE COLLAR

- A—Sheet of galvanized iron wrapped around pole and tied with aluminum wire
C—Temporary wedges removed

- B—Collar lowered to position, wedges placed and partly filled with sand
D—Sand creosote collar installed ready for back-filling

Investigation of Troubles

A large variety of problems arising out of troubles experienced in the field were referred to the laboratory for investigation. Of these, mention may be made of the following: the cause of failure of a generator shaft, fracture of the steel rib of a lineman's climbing spur; the occurrence of high-voltage surges on house circuits during the use of oil-burning equipment; the cause of scale formation on water-heating equipment, and the digestion of insulator pins due to static streams on insulators.

Investigations Leading to Improvement in Methods or Materials

It is the constant endeavour of the laboratories to improve upon existing practice where field experience indicates that methods or materials now in use leave something to be desired. Many problems, initiated by the need for such improvement, were studied, chief amongst which were:

The study of methods for testing transformer and oil-switch bushings to detect deterioration in the initial stages of development. This study resulted in the development of a satisfactory field method for testing on circuits of low capacity.

The development of a test for determining the resistance of joints in line conductors. A simple method was devised for measuring these resistances without having to dismantle the line.

The investigation of fillet designs to determine their effect on the strength of shaft keyways. Physical tests were made on five different designs.

Further study of test methods for determining the life expectancy of transformer oil. Special equipment was assembled and tests are proceeding.

A large scale dead weight test on a pole and crossarm assembly for high voltage lines. This work was done in co-operation with the Engineering department.

Oscillograph tests on a 25,000-kv-a synchronous condenser at Leaside to determine the most suitable time delay and other operating conditions favourable to closing circuit breakers when connecting the machine to the line. Assistance was also given to a power company in studying transient characteristics of a similar type of machine.

Study of methods of conditioning air breakers to avoid corrosion of contacts without impairing their electrical characteristics.

Treatment of Wood Poles

The study of wood pole treatments for protection against ground line rot has been pursued steadily. Considerable time was spent in development tests for the sand-creosote collar treatment, which has now been adopted on a large scale for poles in service. Two other types of treatment were studied, but were not found to have sufficient merit to justify their general use.

Studies were continued of the properties of pine and spruce; stubs treated in various ways being set out for observation in the proving ground at Barrie. Annual inspections were made of the test beds at Leaside and Barrie, and of poles in service near Balsam and Southcote.

Paint

Work under this heading was confined to an extensive investigation on insulating varnishes and enamels to determine the best materials for power-house maintenance work. A detailed report on this investigation was prepared for the information of the Commission's engineers.

Oil

Much useful information was secured as a result of the year's activity in oil research. Typical investigations conducted in this field include: testing and classification of greases used in various power plants; tests on motor vehicle oils to compare their behaviour in service with their value as estimated by laboratory tests; annual tests on generator lubricating oils to determine their rate of deterioration in service; experiments on the centrifuge separation of acid sludge from insulating oils, and study of field tests for detecting moisture in transformer oil.

Heating Elements

The laboratories have undertaken a systematic study of electric range hotplates to determine their efficiencies and to investigate other practical features such as adequacy of insulation, speed of operation, probable life, and their ability to stand up under rigorous use in service. Practically all available types have now been tested.

Vibration of Transmission Line Conductors

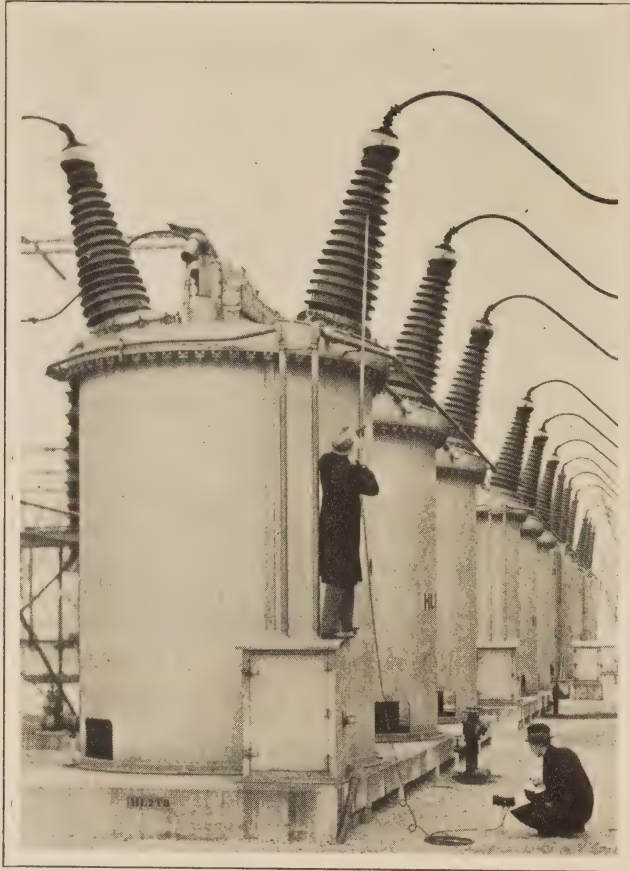
Members of the staff continued to devote much time and thought to the study of conductor breakages caused by line vibrations. Attention was directed to the mathematical features of the problem, and many days were spent in field testing of damping or protective devices. The combined theoretical and practical studies have resulted in the development of a new type of damping device that promises to be highly effective.

Closely associated with this problem is the study of fatigue and the endurance testing of conductor materials. Equipment for fatigue testing was recently installed, and an extensive programme of work is now proceeding. Enlightening results have already been obtained as to the effect of manufacturing processes on the fatigue limit of galvanized steel wire.

Other vibration investigations in progress are the endurance testing of tie connections for small conductors, and a study of the protection afforded by armour rod reinforcements.

Water Tank Corrosion

An important problem investigated was the corrosion of domestic water tanks, extensive tests being made to study the electrolysis of different metals and alloys when immersed in water at various temperatures. These tests have yielded significant results from which can be estimated the amount of corrosion likely to take place when two or more metals are present in electric water-heating installations. Assisted by the information revealed in these tests, steps are now being taken to obviate the trouble and to eliminate the necessity for costly replacements.



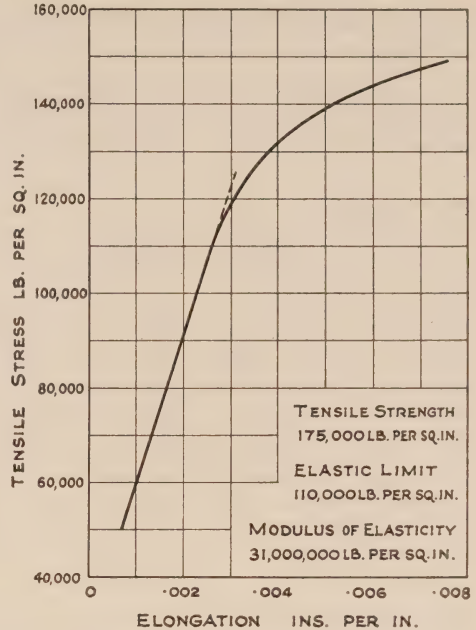
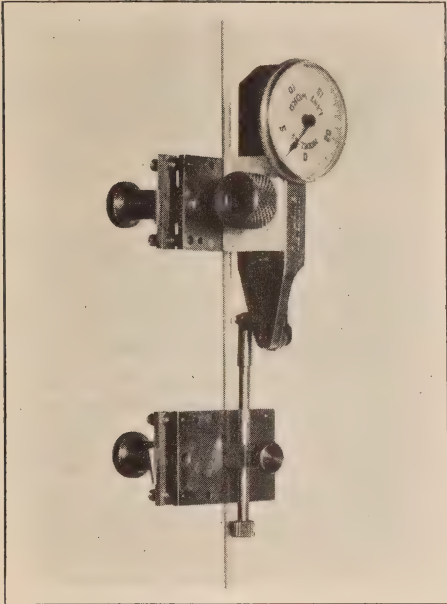
CHECKING THE CONDITION OF HIGH VOLTAGE
BUSHINGS BY THE GRADIENT METHOD WITH
LINES ALIVE

Concrete

The major item of work under this heading was a study of the durability and particularly the repair of concrete through field inspection of structures. Opportunities were offered to visit about forty-five structures, whose construction details and subsequent history were known. Mention should be made of the fact that this was the first year that definite indications were observed as to the success, or otherwise, of various methods of repair. This information has assisted our engineers in making decisions regarding recent repair operations.

Laboratory investigations included durability tests on shale contaminated aggregates, uniformity tests on plastic concrete, study of winter concreting problems, tests on cement accelerators, and a study of the properties of cinder concrete.

Concrete proportioning investigations were continued for current construction projects, five such studies being made during the year. Assist-



ANDERSON EXTENSOMETER AND TYPICAL STRESS-STRAIN CURVE
For 0.101-inch diameter wire in annealed condition

ance was also given in the selection of aggregates and proportions for small jobs and in the preparation of concrete specifications.

Miscellaneous Research

In co-operation with the Department of Marine, a study was made of the potential gradient on high-voltage arresters causing radio interference.

A group of watthour meters, which had been in service for a period of five years, were tested and compared with new meters to determine their ability to maintain their accuracy.

Miscellaneous

New Equipment

Several items of new equipment were purchased for the endurance testing of wire. These included a Haigh-Robertson fatigue testing machine, a bend-test machine, a twist-test machine, and a precision extensometer. A pulverizing machine was purchased for grinding coal samples, and two dial micrometers were added to the equipment of the insulated wire testing section.

Equipment designed and constructed in the laboratory included an automatic humidity cabinet, and an electric oven for testing insulated wire conductors. A concrete pier was constructed to strengthen the vibration test span.

Specifications and Committee Work

In co-operation with other departments, specifications were prepared or drafted for arc welding, copper wire, and certain grades of generator

lubricating oil. Preliminary work was done towards preparing new specifications for bolts and line hardware.

Members of the staff continued to co-operate with various outside technical and standardization committees where the interests of the Commission warranted.

Lighting Service

The growing demand by the public for information on the requisites of good lighting is reflected in the number of requests received for this type of service. During the year, 137 lighting plans were supplied in response to customers' requests, and recommendations were made in 39 other cases where detailed plans were not required. Co-operation was given in the planning of school lighting, 390 illumination surveys being made to secure data for this purpose. An active part was taken in planning and conducting a course of instruction for home lighting supervisors, and in 16 municipalities a member of the staff gave lectures and demonstrations for the benefit of the local electrical dealers. In addition, nine lectures were presented before service clubs or school boards, and two articles on lighting were prepared for publication.

Photometric Work

The Photometric laboratory tested various materials and studied many problems requiring light measurement or investigation. A typical example is the service rendered Canadian manufacturers in the testing of portable lamps and accessories under the specifications of the Illuminating Engineering Society of the United States. Nineteen tests were completed, and 5,600 certification tags were issued for lamps meeting the requirements of the Society.

Miscellaneous photometric work included tests on automobile safety glass and signal devices, tests on industrial fixtures and reflectors, gloss measurements, light meter calibrations, and a study of protective goggles.

APPROVALS LABORATORY

Statistical

The following table contains a summary of the testing and inspection work of the Approvals laboratory for the past three years:

| | 1934 number | 1935 number | 1936 number |
|--|----------------|----------------|----------------|
| Applications for approval tests..... | 742 | 696 | 770 |
| Applications for special inspection, etc. | 267 | 362 | 320 |
| Applications for listing only..... | 54 | 32 | 61 |
| Factory inspection reports..... | 3,993 | 4,928 | 5,712 |
| Labels sold (except conduit and wire, cord, cable, etc.)..... | 1,057,378 | 1,435,906 | 1,865,500 |
| Labels sold—conduit..... | 705,000 | 653,600 | 900,000 |
| Labels sold—wire, cord, cable, etc..... | 438,000 | 499,000 | 594,000 |
| Total number of labels sold..... | 2,200,378 | 2,588,506 | 3,359,500 |

An increase of 11 per cent will be noted in the applications for approval tests as compared with the previous year. The number of factory inspection reports also increased. The same may be said of the sale of labels of all types and, with very few exceptions, of each type—the increase of total label sales being thirty per cent over the previous year.

Volume of wire, cable and conduit labelled for past three years:

| | 1934 M-ft. | 1934 M-ft. | 1936 M-ft. |
|--|---------------|---------------|---------------|
| Insulating wire (incl. R.C. fixture wire and heat-resisting wire and cord).... | 74,125 | 87,750 | 109,230 |
| Insulated flexible cords..... | 20,375 | 21,750 | 30,115 |
| Heater cord..... | 4,500 | 5,625 | 5,385 |
| Armoured cable..... | 9,150 | 8,250 | 12,560 |
| Flexible steel conduit..... | 150 | 200 | 250 |
| Flexible non-metallic tubing..... | 4,250 | 5,250 | 5,000 |
| Non-metallic-sheathed cable..... | 7,250 | 7,300 | 12,350 |
| Rigid steel conduit (incl. elbows and nipples)..... | 7,050 | 6,536 | 7,500 |

The increased use of the Commission's approval labels is shown very markedly in the volume of wire, cord, cable and conduit labelled as set forth in the preceding table, and particularly of non-metallic-sheathed cable, 69 per cent, and of armoured cable, 52 per cent. It will be seen that with the exception of two minor items this increase is 15 per cent or more.

It is also of interest to note that 217,000 radio labels were distributed, an increase of 80 per cent over 1935, and that portable lamp labels and fixture label sales increased 22.5 per cent and 12.7 per cent respectively.

Applications for approval may be sub-divided as follows:

| | 1934 number | 1935 number | 1936 number |
|--|----------------|----------------|----------------|
| Motor-driven appliances (incl. motors)..... | 194 | 186 | 214 |
| Electrically-heated appliances..... | 201 | 192 | 191 |
| Wiring devices (incl. temperature regulators)..... | 96 | 88 | 111 |
| Lighting devices (incl. electric signs)..... | 112 | 87 | 115 |
| Industrial control devices (incl. transformers, capacitors and rectifiers)..... | 31 | 22 | 19 |
| Wire, cable and cord (incl. cord sets and service entrance cable)..... | 17 | 8 | 22 |
| Radio, sound and picture appliances (incl. devices for suppression of radio interference)..... | 38 | 32 | 34 |
| Miscellaneous equipment and materials (incl. medical and dental equipment, welding machines and thermal insulation)..... | 53 | 81 | 64 |

These figures show that, in general, the approval testing work has been divided in much the same way as in previous years.

Among the newer lines which have been submitted are: welding machines, large capacity rectifiers of the copper oxide type, short-wave therapeutic appliances, ice-cream-making machines, air conditioning appliances, and automatic control devices of several types. A new type of service entrance cable employing an uninsulated neutral conductor in a partially-armoured assembly has also been investigated and approved for trial installation.

Specifications

Summary of Work

| | 1934 number | 1935 number | 1936 number |
|---|----------------|----------------|----------------|
| Specifications in process by Canadian Engineering Standards Association at beginning of year..... | 17 | 17 | 20 |
| Specifications printed and issued..... | 7 | 9 | 11 |
| Other specifications advanced to C.E.S.A. form..... | 1 | 12 | 11 |
| Other specifications begun by laboratory staff..... | 8 | 4 | 3 |
| Meetings of C.E.S.A. specification panel attended by staff..... | 9 | 14 | 12 |
| Average attendance by staff members..... | 3.0 | 2.5 | 3.5 |
| Other meetings relating to Approvals work.... | 2 | 1 | 4 |

Other discussions relating to specifications concerning identifying markers for wire and cord assemblies, capacitors for suppression of radio interference, grading of flexible cords and other items, were carried on by interviews and correspondence.

Enforcement

With the change at the beginning of 1936 in the tariff regulations affecting many lines of electrical merchandise being imported from the United States, the problem of enforcement of the regulations as to control of sale, installation and use became more difficult. This was especially so in radio appliances. The Canadian standard for these devices does not recognize the more cheaply constructed "a.c.-d.c." types for the reason that many of them have been shown to have inherent fire and shock hazards. They also have poor operating characteristics on 25-cycle circuits. That this did not seriously affect the output of standard approved sets in Canada may be seen by reference to the note above on the increased use of radio labels.

The regulation permitting the free entry of goods by citizens of Canada, under certain conditions, allowed many electrical appliances of a substandard, or unapproved type, to be brought into Ontario. Such devices, however, could not legally be imported for resale so that there was a definite limitation to this practice.

The Commission has received the whole-hearted support of the electrical jobbing and purchasing group of the industry in the Province, thus making it unnecessary, except in a few instances, to bring police court proceedings to stop the sale of unapproved electrical equipment.

Miscellaneous

Improvements in Approvals testing equipment, included the construction by members of the staff, of two small electrically-heated and controlled ovens, one for use in the "Geer" oven test for vulcanized rubber, and the other for use in the testing of switches and similar devices. An additional dial micrometer was purchased and altered to meet the requirements of wire inspection.

The stock of samples submitted for approval was transferred to new quarters and placed in charge of an experienced man. A new form of approval label of the transfer type for electric signs was prepared and issued to replace the brass embossed label previously used. The transfer labels for "service box", "motor starter" and "special switch" were also superseded by a new form of label bearing the one name "Enclosed Switch" but made in three ratings. These latter labels follow the Specification for enclosed switches recently issued as Specification C22.2 No. 4 of the Canadian Electrical Code, Part II.

No market samples of wire, conduit or other material were purchased, the factory inspection work and control by labelling apparently working well to keep these products up to the accepted standard. In this connection it should be noted that the Canadian standard for "heater cord" differs slightly from that of Underwriters' Laboratories, and a bulletin was issued pointing out that the rubber insulation on all such cords offered to the Canadian trade shall be vulcanized to prevent short circuits at the attachment plugs connected thereto.

ELECTRICAL INSPECTION DEPARTMENT

The Electrical Inspection department was reorganized at the beginning of the fiscal year 1935. Prior to being reorganized, the department embraced thirty-two electrical inspection districts. In the reorganization, ten district offices were closed.

Owing to an increasing volume of business, in 1936, it was found necessary to re-open the Windsor and Sarnia offices and to divide the districts of Barrie and Kitchener into two sections each. The Barrie sub-office is in Baysville, the rural power district superintendent acting as district inspector. The Kitchener sub-office is in Owen Sound, an inspector from Kitchener having been transferred to Owen Sound.

Statistical

The volume of work, handled by the department, showed a decided improvement over 1935. A total of 92,845 permits were issued, an increase of 9,930 or 12 per cent over 1935; and 148,598 inspections were made, an increase of 6,994 or 4.9 per cent.

The accompanying graph shows the number of permits issued and inspections made since 1921.

Fires Attributed to Electricity

A large number of fires are reported to the department, each year, as having been due to defective electric wiring or equipment. In a great many instances any evidence which would afford positive proof as to the origin has been destroyed by the fire and considerable doubt exists as to the correctness of the information furnished. The records of the department, it is believed, are reliable. Twenty fires were found to have been due to electrical defects as compared with fourteen in 1935. They have been classified as to origin as follows:

| Origin | Number |
|---|--------|
| Armoured cable..... | 7 |
| Electric oven, not approved type..... | 1 |
| Extension cord..... | 1 |
| Flexible cord used as circuit wire..... | 2 |
| Hotplate, installed in cupboard..... | 1 |
| Joints not properly made..... | 3 |
| Terminal on switch loose..... | 1 |
| Transformer breakdown..... | 1 |
| Wires not properly insulated..... | 1 |
| Short-circuit, caused by nail..... | 1 |
| Overloaded circuit..... | 1 |

Electrocutions and Fatal Accidents

Six persons were electrocuted in Ontario this year, through contact with electric wiring or equipment coming under the jurisdiction of this department, and three persons received fatal burns. The individual causes are briefly cited below:

Man electrocuted while assisting in making transformer tests. Voltage 700 to 2,600.

Man electrocuted through coming into contact with a disconnect switch. Voltage of circuit 2,200.

Man electrocuted while cutting wood with a portable, motor-driven saw. Voltage of circuit 550.

Man electrocuted through coming into contact with a section of ungrounded armoured cable. Voltage of circuit 550.

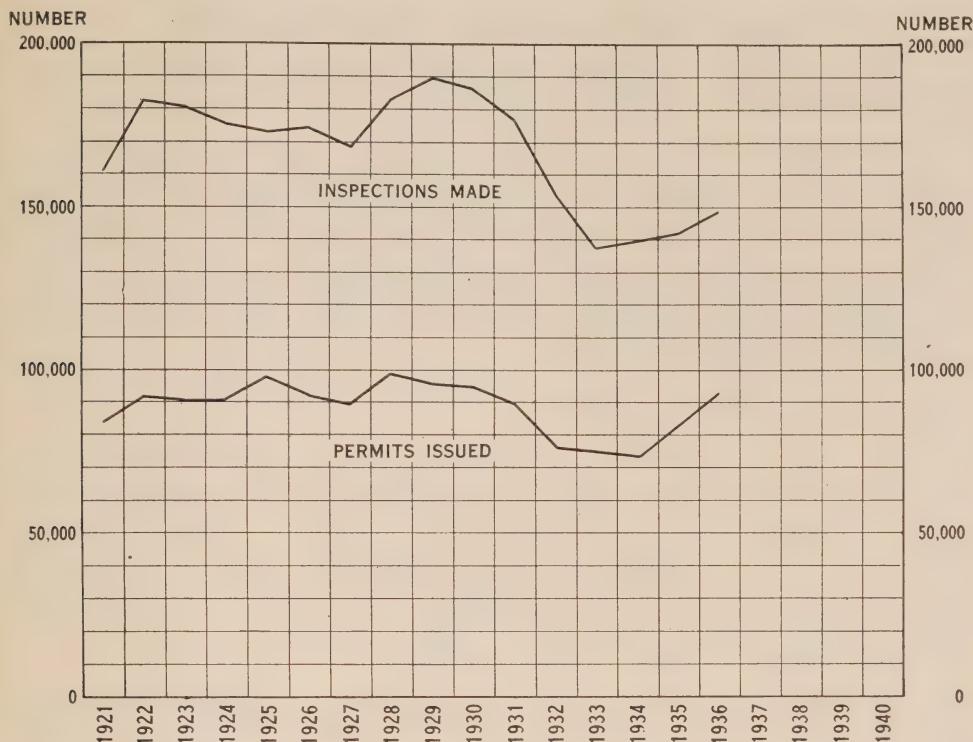
Man electrocuted through coming into contact with an ungrounded motor. Voltage of circuit 550.

Man electrocuted when attempting to renew fuse protecting a transformer. Voltage of circuit 2,200.

An electrician received fatal burns, caused by a flashover, while engaged in making repairs to an oil-circuit breaker. Voltage of circuit 6,600.

Woman received fatal burns through the improper use of a portable electric heater.

Woman received fatal burns when her clothing ignited through coming into contact with a portable heater, the guard of which was missing.



Ground Tests

In isolated communities and in rural districts 3,464 ground tests were made this year, an increase of 875 or 33 per cent. By the rules and regulations, these ground tests are required to be made in localities where no ground systems of known values exist, in order to minimize life and fire hazards.

Infractions of Regulations

Twenty-nine persons and companies were prosecuted during the year, for various infractions of the provincial rules and regulations, such as installing electric wiring and equipment without first having obtained a permit, selling electrical equipment not approved for sale within the Province of Ontario, or refusing or neglecting to remedy defects which constitute a life or fire hazard.

Re-wiring

As in previous years, the routine work of re-inspecting the older and more obsolete type of installation has been carried out. Towards the latter part of the fiscal year 1935, the department was requested by the Liquor Control Board to make a general inspection of all hotels throughout the Province. This request followed two fires which caused loss of life on hotel premises. This work was completed in the spring of this year. In all, 3,419 installations were brought up to a reasonable standard of safety at an approximate cost of \$220,000.

PRODUCTION AND SERVICE DEPARTMENT

This department is housed in the Service building, Strachan avenue. It includes the machine shop, carpenter shop and garage repair shop.

The machine shop is maintained to assist the engineering departments in the development, design and construction of apparatus and equipment of a special character. Among the items of equipment which have been thus produced may be mentioned: line hardware, air-break switches, air-insulated current transformers, disconnecting switches, special equipment for making joints in line conductors, hydraulic presses, oil filter presses, pipe fittings, switchboard panels and accessories, telephone booth equipment, transformer tap-changers, and live-line tools.

The carpenter shop supplies a general carpenter service for the Administration and Service buildings.

The garage is charged with the maintenance of the Commission's fleet of trucks, which number approximately 240. Periodic inspections are made of all trucks in the southern part of the Province, by travelling inspectors from the garage, and the work of overhauling and reconditioning trucks is done in the garage. Close contact and co-operation is maintained with the other departments of the Commission using trucks, with the object of maintaining all trucks in good operating condition, and of securing the maximum possible economy in their operation.

The work of this department has increased considerably during the past two years. Within the past fiscal year, approximately 1,100 orders were received in the machine shop, 275 in the carpenter shop. In the garage, 52 trucks were given a major overhaul, and in the last six months of the year more than 400 inspections were made in the field by three travelling inspectors. Attention was also given to the standardization of truck bodies and to the method of carrying on truck inspection including cost accounting.

SECTION VIII

ELECTRIC RAILWAYS

THE HAMILTON STREET RAILWAY COMPANY

A Subsidiary of The Hydro-Electric Power Commission of Ontario— Niagara System

Gross earnings on the Hamilton Street Railway for the year 1936 increased 8.97 per cent. Operating expenses (including taxes) increased 13.8 per cent. The increase in expenses was due in part to an increase in wages. The result was a decrease in net earnings of \$13,890. The improvement in gross earnings was due to improved employment conditions in Hamilton.

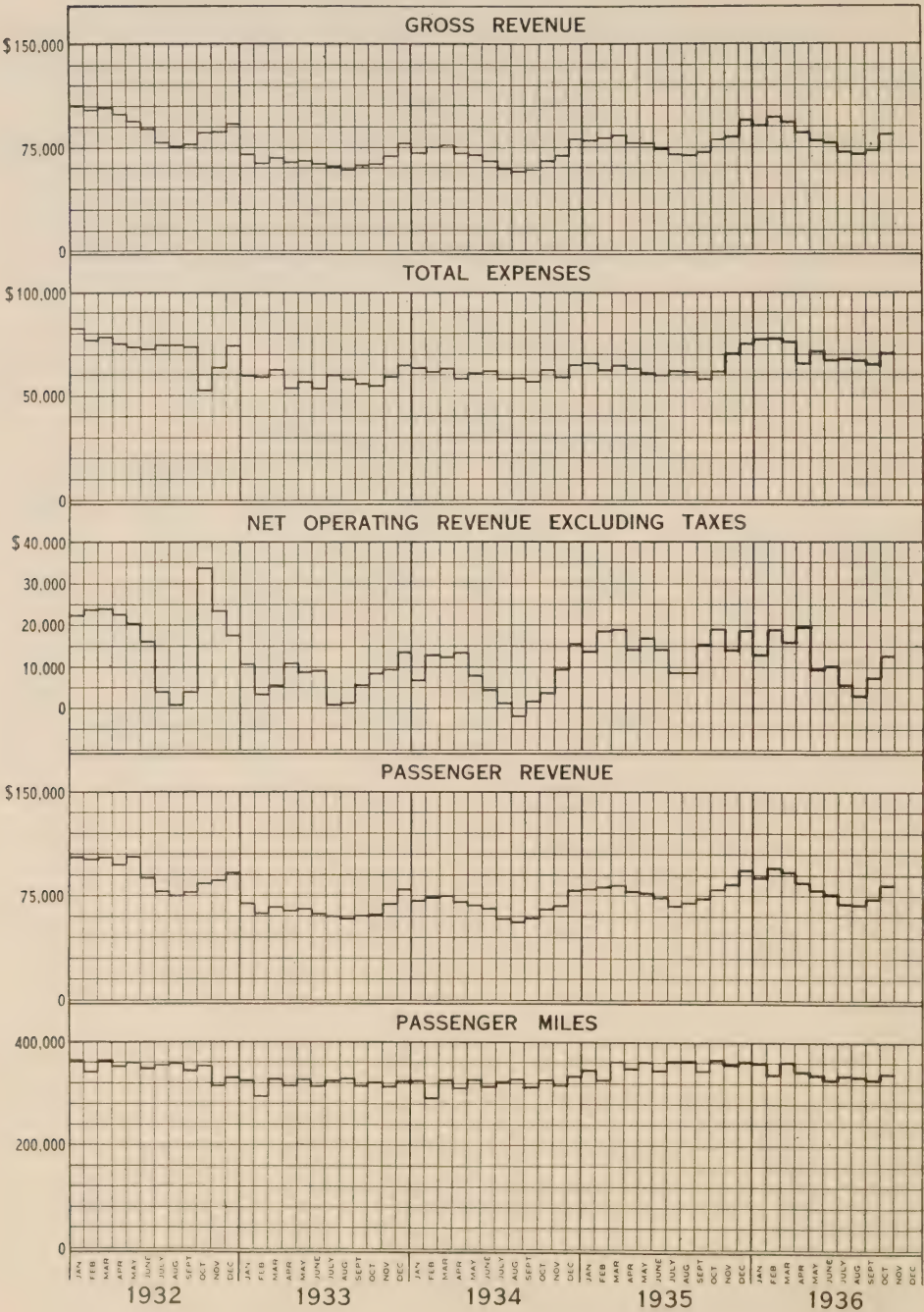
The balance sheet and income account are given at the end of Section IX.

Operating results are summarized and compared in the following tabulation and chart.

HAMILTON STREET RAILWAY Comparative Operating Statistics

| | Tramways \$ | 1935 Buses \$ | Total \$ | Tramways \$ | 1936 Buses \$ | Total \$ |
|---|----------------|---------------------|-------------|----------------|---------------------|-------------|
| Operating revenues: | | | | | | |
| Passenger..... | 717,572 | 191,973 | 909,545 | 792,083 | 200,525 | 992,608 |
| Freight..... | 3,823 | | 3,823 | 3,702 | | 3,702 |
| Other operations..... | 6,456 | 579 | 7,035 | 6,065 | 575 | 6,640 |
| Operating revenue..... | 727,851 | 192,552 | 920,403 | 801,850 | 201,100 | 1,002,950 |
| Operating expenses..... | 577,097 | 172,963 | 750,060 | 686,639 | 167,222 | 853,861 |
| Net operating revenues..... | 150,754 | 19,589 | 170,343 | 115,211 | 33,878 | 149,089 |
| Taxes..... | 29,249 | 3,465 | 32,714 | 23,430 | 1,920 | 25,350 |
| Net operating income..... | 121,505 | 16,124 | 137,629 | 91,781 | 31,958 | 123,739 |
| Interest on advances from Niagara System..... | | | 10,292 | | | 6,257 |
| Net income—before provision for depreciation... | | | 127,337 | | | 117,482 |
| Depreciation..... | | | | | | 150,000 |
| Net income..... | | | 127,337 | | | (32,518) |
| Dividend appropriation..... | | | 127,337 | | | nil |
| Route-miles: | | | 1935 | | | 1936 |
| Tramway..... | | | 27.28 | | | 28.06 |
| Bus..... | | | 17.69 | | | 17.58 |
| Total..... | | | 44.97 | | | 45.64 |
| Track-miles..... | | | 43.45 | | | 43.45 |
| Passenger cars operated..... | | | 74 | | | 73 |
| Passenger buses operated..... | | | 30 | | | 31 |
| Car-miles operated: | | | | | | |
| Passenger cars..... | | 2,876,039 | | | 2,863,803 | |
| Passenger buses..... | | 1,298,997 | | | 1,301,886 | |
| Car-hours operated: | | | | | | |
| Passenger cars..... | | 306,308 | | | 305,358 | |
| Passenger buses..... | | 105,080 | | | 105,620 | |
| Passengers carried..... | | 19,634,096 | | | 22,640,144 | |
| Percentage of transfer passengers to revenue passengers..... | | | 19.5% | | | 22.7% |

THE HAMILTON STREET RAILWAY COMPANY
OPERATING STATISTICS



GUELPH RADIAL RAILWAY

Operated by The Hydro-Electric Power Commission of Ontario for the City of Guelph

There was no major commitment on capital account during the year. Essential maintenance on way and structures, and equipment was performed.

The balance sheet and income account are given at the end of Section IX.

Operating results are summarized and compared in the following tabulation and chart.

GUELPH RADIAL RAILWAY
Comparative Operating Statistics

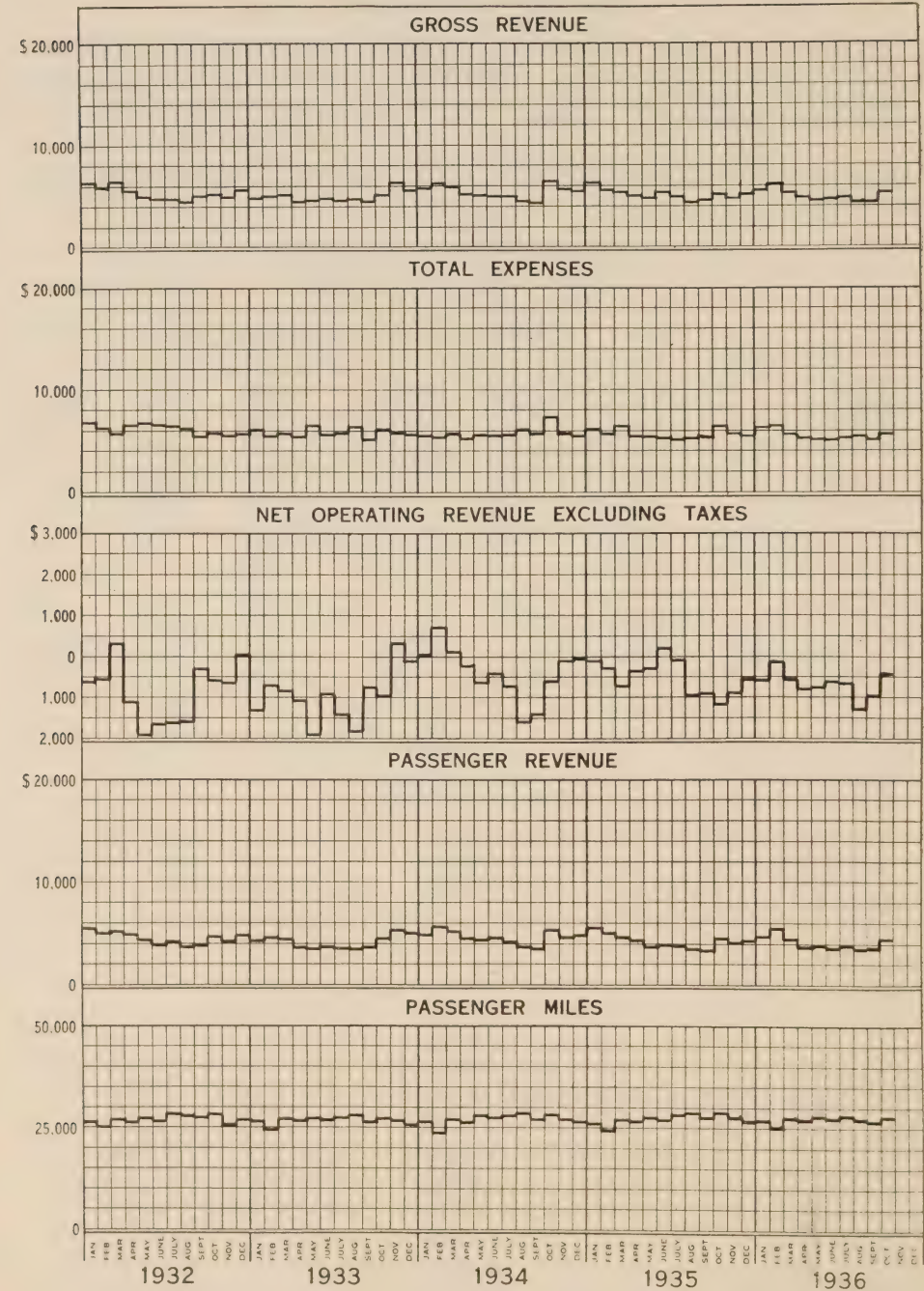
| | Tramways \$ | 1935 Buses \$ | Total \$ | Tramways \$ | 1936 Buses \$ | Total \$ |
|--------------------------------------|----------------|---------------------|-------------|----------------|---------------------|-------------|
| Operating revenues: | | | | | | |
| Passenger..... | 36,662 | 15,880 | 52,542 | 34,796 | 15,641 | 50,437 |
| Freight..... | 9,573 | ..... | 9,573 | 8,644 | ..... | 8,644 |
| Other operations..... | 468 | 38 | 506 | 491 | 40 | 531 |
| Operating revenue..... | 46,703 | 15,918 | 62,621 | 43,931 | 15,681 | 59,612 |
| Operating expenses..... | 51,978 | 16,837 | 68,815 | 52,419 | 15,627 | 68,046 |
| Net operating deficit..... | 5,275 | 919 | 6,194 | 8,488 | 54* | 8,434 |
| Taxes..... | 244 | ..... | 244 | 246 | ..... | 246 |
| Net operating loss..... | 5,519 | 919 | 6,438 | 8,734 | 54* | 8,680 |
| Interest and instalment payment..... | | | †23,843 | | | †23,787 |
| Sinking fund..... | | | 3,624 | | | 3,769 |
| Renewals—buses..... | | | 2,358 | | | 6,031 |
| Total deficit..... | | | 36,263 | | | 42,267 |

*Surplus.

†Includes \$11,700 on purchase account, made up as follows:

| | 1935 | 1936 |
|--|-----------|-----------|
| Amortization..... | \$9,128 | \$9,543 |
| Interest..... | 2,572 | 2,157 |
| Route-miles: | | |
| Tramway..... | 6.41 | 6.41 |
| Bus..... | 5.99 | 5.99 |
| Total..... | 12.40 | 12.40 |
| Track-miles..... | 9.06 | 9.06 |
| Passenger cars operated..... | 7 | 7 |
| Passenger buses operated..... | 4 | 4 |
| Car-miles operated: | | |
| Passenger cars..... | 226,892 | 223,302 |
| Passenger buses..... | 99,909 | 104,189 |
| Freight locomotive..... | 9,518 | 9,367 |
| Car-hours operated: | | |
| Passenger cars..... | 27,510 | 27,139 |
| Passenger buses..... | 14,110 | 14,060 |
| Freight locomotive..... | 2,075 | 2,159 |
| Passengers carried..... | 1,119,719 | 1,089,551 |
| Percentage of transfer passengers to revenue passengers..... | 26.51% | 27.29% |

GUELPH RADIAL RAILWAY—OPERATING STATISTICS



SECTION IX

FINANCIAL STATEMENTS

Relating to

**Properties Operated by The Hydro-Electric Power Commission in the
Niagara, Georgian Bay, Eastern Ontario and Thunder Bay Systems
on Behalf of Municipalities**

and to

**Northern Ontario Properties Operated by the Commission
on Behalf of the Province,**

**The Hamilton Street Railway Company—A Subsidiary of
Niagara System, and**

**Guelph Radial Railway—Operated by the Commission
on Behalf of the City of Guelph**

IN this section of the Report financial statements relating to the activities of The Hydro-Electric Power Commission, segregated into certain distinct divisions, are presented. The first division relates to those activities on behalf of the co-operative municipalities, which are partners in the main "Hydro" undertaking comprising the Niagara, Georgian Bay, Eastern Ontario and Thunder Bay systems and certain minor properties. The second relates to the administration of the Northern Ontario Properties which are operated by the Commission on behalf of the Province. The third and fourth relate to The Hamilton Street Railway Company, a subsidiary of the Niagara system, and to the Guelph Radial Railway operated by the Commission for the city of Guelph. For each of these divisions of the Commission's administrative work, there are presented a balance sheet and an operating and income account. In the case of the co-operative systems and the Northern Ontario Properties, supplementary statements respecting fixed assets, reserves, etc., more fully described below, are given.

Co-operative Systems

In the Foreword to this Report a brief reference is made to the basic principle governing the operations of the "Hydro" undertaking in supplying electrical service at cost, and to the *wholesale* and *retail* aspects of the work. A description is also given of the several systems into which the partner municipalities are co-ordinated for securing common action with respect to power supplies, through the medium of The Hydro-Electric Power Commission which, under The Power Commission Act, functions as their Trustee.

Although for the purpose of financial administration the various systems are separate units, there is a similarity of procedure with respect to their operation which enables certain financial statements, as for example the various reserves, to be co-ordinated and presented in summary tables.

The first set of tables in Section IX gives collective results for the co-operative activities related to the four systems and minor associated properties. These tables include a **balance sheet**; an **operating and income account**; a **summarization of cost distribution** as detailed in the "cost of power" tables referred to below; schedules respecting **fixed assets, capital expenditures and grants—rural power districts; power accounts receivable, funded debt issued or assumed, depreciation and obsolescence reserves, contingency reserves, sinking fund reserves** and the **account with the Provincial Treasurer of the Province of Ontario**.

The tables which follow these general financial statements relate more particularly to the individual municipality's aspects of the wholesale activities of the Commission and for each system show the **cost of power** to the individual municipal utilities, the **credit or debit** adjustment that is made at the end of the fiscal year, and the **sinking fund** equity that has been acquired by the individual municipality. There is also included for each system a **rural operating** statement.

The charges for power supplied by the Commission to the various municipalities vary with the amounts of power used, the distances from the sources of supply and other factors. The entire capital cost of the various power developments and transmission systems is annually allocated to the connected municipalities and other wholesale power consumers, according to the relative use made of the lines and equipment. Each municipality assumes responsibility for that portion of property employed in providing and transmitting power for its use, together with such expenses—including the cost of purchased power if any—as are incidental to the provision and delivery of its wholesale power. The entire annual expenses—including appropriations for reserves—incurred by the Commission in the supply of power at wholesale are thus paid out of revenues collected in respect of such power, through the medium of power bills rendered by the Commission. The municipalities are billed at an estimated interim rate each month during the year and credit or debit adjustment is made at the end of the year,* when the Commission's books are closed and the actual cost payable by each municipality for power received has been determined.

Included in the municipality's remittance to the Commission for the wholesale cost of power—besides such current expenses as those for operation and maintenance of plant, for administration, and for interest on capital—are sums required to build up reserves for sinking fund, for depreciation and obsolescence, and for contingencies. The first-mentioned reserve is for the purpose of liquidating the capital liabilities; consequently as capital obligations are discharged the plant will progressively be freed from interest expense. The other reserves are, respectively, being created to provide funds for the replacing or rebuilding of plant as it wears out, to enable the

*The financial year for the Commission ends on October 31. The financial year for the municipal electric utilities, however, ends on December 31, and the municipal accounts are made up to this date, and so recorded in Section X.

undertaking to replace existing equipment with improved equipment as it becomes available through advances in science and invention, and to meet unforeseen expenses which from time to time may arise.

The ultimate source of all revenue to meet costs—whether for the larger operations of The Hydro-Electric Power Commission or for the smaller local operations of the municipalities—is, of course, the consumer. Out of the total revenue collected by each municipal utility from its consumers for service supplied, only an amount sufficient to pay the wholesale cost of power supplied by the Commission as outlined above is remitted to the Commission; the balance of municipal electrical revenue is retained to pay for the expense incurred by the local utility in distributing the electrical energy to its consumers.

Tabular Data

The following comments relate to the tabular data presented:

Balance Sheet.—The first tabular statement given in Section IX is a balance sheet showing the assets, and the liabilities, reserves and equities of the several co-operative systems.

Operating and Income Accounts.—This statement, for each of the four systems, miscellaneous administrative and other properties, and certain electric railways, shows the operating revenues, operating expenses, including cost of power purchased, provisions for depreciation and contingencies, miscellaneous income, deductions from income including interest, etc., and sinking fund appropriations. On this table is also included similar information respecting properties operated for others, including Northern Ontario Properties, so as to present a combined total covering all properties operated by the Commission.

Summarization of Cost Distributions.—This statement is a summary of the “cost of power” tables relating to the individual systems as referred to more particularly below, and shows how the figures contained in the operating and income accounts are finally distributed among the various consumers.

Fixed Assets.—Details are given concerning the various fixed assets of each system and of the miscellaneous properties, whilst similar details are shown of the capital expenditures for the year ended October 31, 1936.

Capital Expenditures and Grants—Rural Power Districts.—This schedule gives summary information respecting the total capital expenditures on rural power districts and grants-in-aid of construction made by, or claimed from, the Province with respect to such rural districts.

Power Accounts Receivable.—This schedule sets forth the amounts collectible from all classes of power consumers and includes the annual adjustment figures from the “credit or charge” statements for municipalities. The main details of those debit balances three months or more overdue are stated.

Note—The annual adjustment figures from the “credit or charge” statements for rural power districts do not represent accounts receivable and these have therefore been shown on the balance sheet under the title of “rural power districts—rates suspense”

Funded Debt Issued or Assumed.—This schedule presents a complete list of the securities issued or assumed by the Commission on account of the several systems, the Northern Ontario Properties and the Guelph Radial Railway. It should be noted that where securities have been issued to finance properties operated for others, this liability is only shown in memorandum form on the balance sheet of the Commission, whilst the direct liability is shown on the balance sheets of the Northern Ontario Properties and the Guelph Radial Railway.

Depreciation and Obsolescence Reserves, and

Contingencies Reserves.—These schedules show the provisions made to, the expenditures from, and the balance to the credit of, these reserves for each of the systems and other properties included in the power undertakings operated on a cost basis.

Sinking Fund Reserves.—This schedule summarizes the appropriation of principal and interest with respect to these reserves for each of the systems and certain minor properties.

Account with the Provincial Treasurer.—This schedule lists, both for the Niagara and other systems operated on a cost basis, and for the Northern Ontario Properties operated for the Province, the advances from the Province of Ontario and the repayments which have been applied to reduce this liability. It should be noted that Provincial advances to finance Northern Ontario Properties are shown in memorandum form only on the balance sheet of the Commission as the direct liability is carried on the Northern Ontario Properties' balance sheet.

Following these statements, which are common to all systems, there are given for each of the individual co-operative systems four tabular statements as follows:

Cost of Power statement, which shows the apportionment to each municipality or rural power district of the items of cost summarized in the operating account, as well as the apportionment of the fixed assets in service listed in the balance sheet and the amount of power taken by each municipality. It should be noted that the cost of power given in this table is the wholesale cost—that is, the cost which the Commission receives for the power delivered from the main transformer stations serving the local utility or rural power district. In the case of rural power districts, the costs of power for the respective districts appear also in the “rural operating” statement, immediately following, as “cost of power delivered”; in the case of municipal electrical utilities not directly administered by the Commission, the respective costs of power appear in Statement “B” of Section X as “power purchased.”

Rural Operating statement, which shows for each rural power district the various items of cost, and the revenues received, in connection with the distribution of electrical energy to consumers.

Credit or Charge statement, which shows the adjustments made in order to bring the amounts paid by each municipal electric utility and rural power district to the actual cost of service to each municipality or district. The credits and charges for the municipal electric utilities are

taken up and given effect to in the accounts of "Hydro" utilities before their operating records of each year are closed.

The credits and charges for rural power districts are carried on the balance sheet of the commission as "rates suspense" items.

Sinking Fund statement, which gives the accumulated total of the amounts paid by each municipality and rural power district as part of the cost of power together with its proportionate share of other sinking funds.

Northern Ontario Properties

The statements and schedules respecting these properties which are operated by the Commission on behalf of the Province of Ontario include the balance sheet, operating and income accounts, schedules of fixed assets, depreciation and obsolescence reserves, and contingency reserves. These schedules are similar in form to the corresponding schedules relating to the co-operative systems.

The Hamilton Street Railway Company

This is a subsidiary of the Niagara system of the Commission. A balance sheet and operating and income account are presented.

Guelph Radial Railway

This railway is operated by the Commission on behalf of the city of Guelph. A balance sheet and operating and income account are presented.

Municipal Utilities

All municipal "Hydro" utilities have current expenses to meet similar to the expenses of the Commission and have adopted the same financial procedure with respect to their operations. In other words, concurrently with the creation of funds to liquidate their debt to the Commission and to provide the necessary reserves to protect generating, transforming, and transmission systems, the municipalities are taking similar action with respect to their local "Hydro" utility systems.

The balance sheets, operating reports and statistical data appearing in Section X, under the heading of "Municipal Accounts", relate to the operation of local distribution systems by individual municipalities which have contracted with the Commission for their supply of electrical energy. To this section there is an explanatory introduction to which the reader is specially referred.

Auditing of Accounts

The accounts of The Hydro-Electric Power Commission of Ontario are verified by auditors specially appointed by the Provincial Government. The accounts of the "Hydro" utility of each individual municipality are prepared according to approved and standard practice and The Public Utilities Act requires that they shall be audited by the auditors of the municipal corporation.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

FINANCIAL ACCOUNTS

For the Year Ended October 31, 1936

Relating to Properties operated on a "Cost Basis" for the Co-operating
Municipalities and Rural Power Districts which are supplied with
Electrical Power and Services from the following Properties:

| | |
|------------------------|---|
| Niagara System | Bonnechere River Storage |
| Georgian Bay System | Nipissing Rural Power Districts |
| Eastern Ontario System | Manitoulin Rural Power District |
| Thunder Bay System | Service and Administrative Buildings and Equipment |

STATEMENTS

Balance Sheet as at October 31, 1936

Operating and Income Accounts for the Year ended October 31, 1936

Summarization of Cost Distributions for the Year ended October 31, 1936

Schedules supporting the Balance Sheet as at October 31, 1936:—

Fixed Assets—By Systems and Properties

Capital Expenditures and Grants—Rural Power Districts

Power Accounts Receivable

Funded Debt Issued or Assumed

Depreciation and Obsolescence Reserves

Contingency Reserves

Sinking Fund Reserves

Account with the Provincial Treasurer of the Province of Ontario

Detailed Statements for Municipalities and Rural Power Districts

THE HYDRO-ELECTRIC POWER

BALANCE SHEET AS AT OCTOBER 31, 1936

| | Niagara System | Georgian Bay System | Eastern Ontario System | Thunder Bay System |
|--|------------------|---------------------|------------------------|--------------------|
| ASSETS | | | | |
| INVESTMENTS: | | | | |
| Fixed Assets in Service: | | | | |
| Niagara System..... | \$214,701,358.23 | | | |
| Georgian Bay System..... | 9,428,078.21 | | | |
| Eastern Ontario System..... | 20,408,603.74 | | | |
| Thunder Bay System..... | 18,646,307.16 | | | |
| Non-System properties..... | 177,071.46 | | | |
| Service and administrative buildings and equipment..... | 3,104,154.23 | | | |
| | | | \$266,465,573.03 | |
| Fixed Assets under Construction..... | | | 360,450.38 | |
| Preliminary Expenditures: | | | | |
| St. Lawrence River surveys—1925 to 1928..... | \$ 734,873.31 | | | |
| Madawaska River power sites, surveys and plans—1929..... | 850,000.00 | | | |
| Other surveys, engineering and undeveloped power sites..... | 476,022.01 | | | |
| | | | 2,060,895.32 | |
| Miscellaneous Investments: | | | | |
| Toronto, Pt. Credit, St. Catharines Radial Rlys.—secured..... | \$ 1,905,002.00 | | | |
| The Hamilton Street Rly., Co.—capital stock and advances..... | 3,083,818.42 | | | |
| Investment securities..... | 2,385,124.00 | | | |
| Sale agreements and Mortgages..... | 1,162,740.71 | | | |
| | | | 8,536,685.13 | |
| | | | \$277,423,603.86 | |
| CURRENT AND ACCRUED ASSETS: | | | | |
| Cash in banks..... | | \$ 832,005.28 | | |
| Special deposits for matured interest and debentures unpaid..... | | 104,405.85 | | |
| Sundry accounts receivable..... | | 173,533.94 | | |
| Power accounts receivable..... | | 3,538,797.39 | | |
| Interest receivable..... | | 611,054.96 | | |
| Northern Ontario Properties..... | | 873,403.41 | | |
| Rural district loans..... | | 90,909.21 | | |
| Consumers' and contractors' deposits: | | | | |
| Special deposits..... | \$ 33,762.29 | | | |
| Securities—at par value..... | 496,100.00 | | | |
| | | 529,862.29 | | |
| | | | 6,753,972.33 | |
| DEFERRED DEBITS: | | | | |
| Rural Power Districts—rates suspense..... | | \$ 336,825.23 | | |
| Maintenance materials and supplies..... | | 534,461.31 | | |
| Construction materials and supplies..... | | 671,455.45 | | |
| Construction and maintenance tools and equipment..... | | 619,585.44 | | |
| Office furniture and equipment..... | | 56,073.21 | | |
| Prepayments..... | | 97,417.63 | | |
| Work in progress—water heater campaign..... | | 901,580.95 | | |
| Work in progress—deferred work orders..... | | 74,384.13 | | |
| Unamortized debenture discount..... | | 193,033.07 | | |
| Miscellaneous deferred debits..... | | 150,701.37 | | |
| | | | 3,635,517.79 | |
| SPECIAL FUNDS: | | | | |
| Reserve Funds: | | | | |
| Investments..... | \$ 40,241,610.49 | | | |
| *Amount receivable from current assets—per contra..... | 181,987.13 | | | |
| | | \$ 40,423,597.62 | | |
| Employers' Liability Insurance Fund: | | | | |
| Investments..... | \$ 877,816.10 | | | |
| Deposits with the Workmen's Compensation Board..... | 41,383.80 | | | |
| *Amount receivable from current assets—per contra..... | 24,683.94 | | | |
| | | 943,883.84 | | |
| Pension Fund: | | | | |
| Investments..... | \$ 4,535,143.50 | | | |
| *Amount receivable from current assets—per contra..... | 100,502.03 | | | |
| | | 4,635,645.53 | | |
| Sinking Funds: | | | | |
| Investments..... | \$ 5,819,383.85 | | | |
| Deposits in the hands of trustees..... | 257,575.05 | | | |
| Deposit with Provincial Treasurer..... | 1,692,303.14 | | | |
| *Amount receivable from current assets—per contra..... | 37,968.88 | | | |
| | | 7,807,230.92 | | |
| | | | 53,810,357.91 | |
| | | | \$341,623,451.89 | |

Approved by:—

A. MURRAY MCCRIMMON - Secretary and Controller.
T. S. LYON - - - Chairman of the Commission.
A. W. ROEBUCK - - - - - Commissioner.
T. B. McQUESTEN - - - - - Commissioner.

COMMISSION OF ONTARIO

IN WHICH THE FOLLOWING PROPERTIES ARE INCLUDED:

| | |
|----------------------------|--|
| Local Distribution Systems | Bonnechere River Storage |
| Rural Power Districts | Service and Administrative Buildings and Equipment |

LIABILITIES, RESERVES AND EQUITIES

GRANTS IN AID OF CONSTRUCTION

| | |
|--|------------------|
| Province of Ontario—for Rural Power Districts..... | \$ 10,232,098.78 |
|--|------------------|

LONG-TERM LIABILITIES:

| | | |
|--|------------------|------------------|
| Funded Debt Issued or Assumed..... | \$109,340,242.50 | |
| Less—Treasury Securities—pledged for bank loan..... | 1,200,000.00 | |
| Funded debt in the hands of the public..... | \$108,140,242.50 | |
| Less—Hydro-Radial debentures assumed by the Sandwich Windsor & Amherstburg Rly., Co., and the Province of Ontario..... | 5,816,205.00 | |
| | | \$102,324,037.50 |
| Less—Debentures issued to finance properties operated for others: | | |
| Northern Ontario Properties..... | \$ 22,626,950.00 | |
| Guelph Radial Railway..... | 300,000.00 | |
| | | 22,926,950.00 |
| | | \$ 79,397,087.50 |
| Advances from the Province of Ontario..... | \$164,049 412.49 | |
| Less—Advances for Northern Ontario Properties..... | 7,168,053.63 | |
| | | 156,881,358.86 |
| | | 236,278,446.36 |

CURRENT AND ACCRUED LIABILITIES:

| | | |
|--|-----------------|-----------------|
| Bank of Montreal—demand loan..... | \$ 500,000.00 | |
| Accounts and payrolls payable..... | \$ 1,235,472.92 | |
| Less—Amount for Northern Ontario Properties..... | 100,191.81 | |
| | | 1 135,281.11 |
| Matured debenture interest unpaid | 98,350.85 | |
| Matured debentures unpaid..... | 6,055.00 | |
| Debenture interest accrued..... | 958,512.00 | |
| Miscellaneous accrued liabilities..... | 1,091,827.77 | |
| Power accounts receivable—credit balances..... | 27,538.95 | |
| Advances from the Province of Ontario for rural loans..... | 94,124.59 | |
| Liability for consumers' and contractors' deposits..... | 550,115.78 | |
| | | \$ 4,461,806.05 |
| *Liability to special funds—per contras..... | 345,141.98 | |
| | | 4,806,948.03 |

DEFERRED CREDITS:

| | | |
|--|-----------------|--------------|
| Rural Power Districts—rates suspense..... | \$ 1,254,978.41 | |
| Rural Power District grants in suspense..... | 13,009.32 | |
| Unamortized premium on debentures..... | 251,356.73 | |
| Miscellaneous deferred credits..... | 184,578.49 | |
| | | 1,703,922.95 |

RESERVES:

| | | |
|---|-----------------|------------------|
| Depreciation and obsolescence reserves: | | |
| Additions to property through depreciation and obsolescence reserves..... | \$ 2,897,385.97 | |
| Depreciation and obsolescence reserve funds..... | 31,334,861.16 | |
| | | \$ 34,232,247.13 |
| Contingency reserves..... | \$ 7,059,602.68 | |
| Stabilization of rates reserve..... | 1,963,599.60 | |
| Fire insurance reserve..... | 65,534.18 | |
| | | 9,088,736.46 |
| Employers' liability insurance reserve..... | 943,883.84 | |
| Pension fund reserve..... | 4,635,645.53 | |
| Miscellaneous reserves..... | 612,569.52 | |
| | | 49,513,082.48 |

EQUITIES OF MUNICIPALITIES AND RURAL POWER DISTRICTS:

| | | |
|--|-----------------|------------------|
| Municipalities' and Rural Power Districts' equities being the accumulated contributions of consumers including interest accretions for annual sinking fund appropriations, represented by: | | |
| Funded debt retired through sinking funds..... | \$ 8,557,843.13 | |
| Provincial advances retired through sinking funds..... | 22,723,879.24 | |
| Sinking funds..... | 7,807,230.92 | |
| | | 39,088,953.29 |
| | | \$341,623,451.89 |

Auditors' Certificate

We have examined the Books and Accounts of The Hydro-Electric Power Commission of the Province of Ontario for the year ended the 31st October, 1936, and report that, in conjunction with our Annual Report to the Lieutenant-Governor in Council, in our opinion the above Balance Sheet is properly drawn up so as to exhibit a true and correct view of the state of the Commission's affairs at the 31st October, 1936, according to the best of our information and the explanations given to us and as shown by the books of the Commission. We have obtained all the information and explanations we have required.

OSCAR HUDSON AND CO.,
Chartered Accountants,
Auditors.

Dated at Toronto, Ontario,
12th April, 1937.

**THE HYDRO-ELECTRIC POWER
Operating and Income Accounts**

| | Niagara System | Georgian Bay System | Eastern Ontario System | Thunder Bay System |
|---|-------------------|------------------------|------------------------------|-----------------------|
| | \$ c. | \$ c. | \$ c. | \$ c. |
| OPERATING REVENUES: as per cost statement.. | 23,960,165.84 | 1,085,545.99 | 3,074,427.97 | 1,534,277.50 |
| OPERATING EXPENSES: | | | | |
| Power purchased..... | 3,110,848.14 | 53,545.91 | 869,352.72 | |
| Operation, maintenance and administra- tion expenses..... | 4,461,243.58 | 379,935.24 | 819,378.24 | 242,644.51 |
| Depreciation provision for the year: | | | | |
| Principal—as per cost statement..... | 1,631,383.24 | 131,661.80 | 251,545.62 | 159,401.00 |
| Interest at 4% on reserves' balances..... | 931,158.53 | 70,546.58 | 154,259.70 | 70,553.26 |
| Total provision..... | 2,562,541.77 | 202,208.38 | 405,805.32 | 229,954.26 |
| Contingency provision for the year: | | | | |
| Principal—as per cost statement..... | 604,475.08 | 28,079.05 | 57,884.54 | 85,856.94 |
| Interest at 4% on reserves' balances..... | 151,222.83 | 19,754.93 | 51,929.61 | 29,861.18 |
| Total provision..... | 755,697.91 | 47,833.98 | 109,814.15 | 115,718.12 |
| Total operating expenses..... | 10,890,331.40 | 683,523.51 | 2,204,350.43 | 588,316.89 |
| NET OPERATING INCOME..... | 13,069,834.44 | 402,022.48 | 870,077.54 | 945,960.61 |
| NON-OPERATING INCOME: | | | | |
| Miscellaneous interest income..... | 17,950.17 | 1,552.54 | 4,759.90 | 1,424.59 |
| Income from reserve fund investments..... | 1,279,380.99 | 97,916.38 | 217,591.16 | 116,917.99 |
| Income from sinking fund investments..... | 406,315.43 | 10,634.69 | 205,873.63 | 3,881.32 |
| Interest during construction..... | 2,995.31 | 118.96 | 496.98 | 182.10 |
| Miscellaneous non-operating income..... | 58,750.43 | | | |
| Contributions from others..... | | | | |
| Interest and dividends from subsidiaries..... | 160,929.52 | | | |
| Inter-system interest adjustments..... | 155,784.53 | 11,647.22 | 26,009.54 | 13,975.66 |
| Total non-operating income..... | 2,082,106.38 | 121,869.79 | 42,983.95 | 128,619.02 |
| GROSS INCOME..... | 15,151,940.82 | 523,892.27 | 913,061.49 | 1,074,579.63 |
| DEDUCTIONS FROM GROSS INCOME: | | | | |
| Interest on long-term debt: | | | | |
| H-E.P.C. debentures..... | 2,798,667.39 | 2,570.37 | 7,337.86 | 19,882.21 |
| Ontario Government bonds, 1935..... | 283,931.52 | 17,223.00 | 6,913.26 | 21,595.91 |
| Ontario Government bonds, 1936..... | 6,541,706.96 | 360,828.10 | 688,197.59 | 812,023.33 |
| Exchange and commission: | | | | |
| H-E.P.C. debentures..... | 9,935.22 | | | |
| Ontario Government bonds..... | 77,663.72 | 4,283.79 | 8,170.34 | 9,640.41 |
| Amortization of debt discount and expense.. | 24,905.42 | 67.05 | 297.52 | 806.52 |
| Amortization of premium on debt..... | 47,570.47 | | | |
| Miscellaneous interest deductions..... | 107,404.90 | 1,099.84 | 9,186.95 | 6,658.50 |
| Adjustments for surveys, etc..... | 57,246.26 | 454.09 | 54,848.86 | 2,853.34 |
| Total deductions from gross income..... | 9,853,890.92 | 386,526.24 | 665,254.66 | 867,753.54 |
| NET INCOME..... | 5,298,049.90 | 137,366.03 | 247,806.83 | 206,826.09 |
| DISPOSITION OF NET INCOME: | | | | |
| Sinking fund appropriation: | | | | |
| Principal—as per cost statement..... | 2,109,394.94 | 89,697.31 | 187,230.65 | 148,812.06 |
| Interest at 4% on reserves' balances..... | 1,225,055.36 | 47,668.72 | 60,576.18 | 58,014.03 |
| Total appropriation..... | 3,334,450.30 | 137,366.03 | 247,806.83 | 206,826.09 |
| Rate stabilization appropriation..... | 1,963,599.60 | | | |
| Total disposition of net income..... | 5,298,049.90 | 137,366.03 | 247,806.83 | 206,826.09 |
| SURPLUS (OR <i>Deficit</i>) AFTER SINKING FUND AND RATE STABILIZATION APPROPRIATIONS. | | | | |

COMMISSION OF ONTARIO
for the Year Ended October 31, 1936

| Non-System Properties | General purposes and service and administrative buildings and equipment | | Radial rail ways, Toronto Port Credit St. Catharines Toronto and York | Total for power undertakings operated on a "cost basis" | | The Hamilton Street Railway Company—a subsidiary of Niagara System | Properties operated for others | | Combined total, covering all properties vested in, or operated by, the Commission |
|-----------------------|---|------------|---|---|------------|--|--------------------------------|-----------------------|---|
| | \$ | c. | | \$ | c. | | Northern Ontario Properties | Guelph Radial Railway | |
| 23,538.56 | | | | 30,237,498.93 | | 1,002,949.75 | 2,242,238.64 | 59,612.22 | 33,542,299.54 |
| 9,331.98 | | | | 4,043,078.75 | | | 15,925.39 | | 4,059,004.14 |
| 4,447.62 | 388,567.96 | | | 6,296,217.15 | | 865,762.10 | 496,823.47 | 67,117.29 | 7,725,920.01 |
| 2,132.61 | 12,080.62 | | | 2,188,204.89 | | 156,763.72 | 234,405.34 | 6,030.96 | 2,585,404.91 |
| 383.23 | 15,615.21 | | | 1,242,516.51 | | | 34,172.90 | 1,175.33 | 1,277,864.74 |
| 2,515.84 | 27,695.83 | | | 3,430,721.40 | | 156,763.72 | 268,578.24 | 7,206.29 | 3,863,269.65 |
| | | | | 776,295.61 | | | 27,199.64 | | 803,495.25 |
| 162.59 | | | | 252,931.14 | | | 11,441.36 | | 264,372.50 |
| 162.59 | | | | 1,029,226.75 | | | 38,641.00 | | 1,067,867.75 |
| 16,458.03 | 416,263.79 | | | 14,799,244.05 | | 1,022,525.82 | 819,968.10 | 74,323.58 | 16,716,061.55 |
| 7,080.53 | 143,279.28 | | | 15,438,254.88 | | 19,576.07 | 1,422,270.54 | 14,711.36 | 16,826,237.99 |
| | 43,456.46 | | | 69,143.66 | | | | 287.31 | 69,430.97 |
| 400.54 | 18,991.01 | | | 1,731,198.07 | | | 35,149.57 | 1,768.63 | 1,768,116.27 |
| 158.69 | 2,743.50 | 5,209.19 | | 204,570.79 | | | | 610.49 | 205,181.28 |
| 1.61 | | 78,048.09 | | 81,843.05 | | | 13,411.15 | | 95,254.20 |
| | | | | 58,750.43 | | | | | 58,750.43 |
| | | 142,500.00 | | 142,500.00 | | | | | 142,500.00 |
| | 30,934.41 | | | 129,995.11 | 129,995.11 | | | | |
| 56.73 | 54,635.57 | 24,608.72 | | 128,115.93 | | | 25,793.18 | | 102,322.75 |
| 186.73 | 20,379.01 | 190,730.18 | | 2,546,117.04 | 129,995.11 | | 22,767.54 | 2,666.43 | 2,441,555.90 |
| 7,267.26 | 122,900.27 | 190,730.18 | | 17,984,371.92 | 149,571.18 | | 1,445,038.08 | 12,044.93 | 19,267,793.89 |
| | 11,824.82 | 143,078.72 | | 2,983,361.50 | | | 700,276.58 | 15,000.00 | 3,698,638.08 |
| 211.21 | 6,823.37 | 86.87 | | 322,964.66 | | | | | 322,964.66 |
| 3,899.63 | 60,059.50 | 28,132.73 | | 8,494,847.84 | | | 349,678.12 | | 8,844,525.96 |
| | | | | 9,935.22 | | | 774.39 | | 10,709.61 |
| 46.30 | 713.03 | 333.99 | | 100,851.58 | | | 4,151.41 | | 105,002.99 |
| | 468.18 | 10.25 | | 26,554.94 | | | 2,926.67 | | 29,481.61 |
| | | | | 47,570.47 | | | | 246.97 | 47,817.44 |
| 307.85 | 3,911.72 | 19,261.36 | | 147,831.12 | | | 43,466.60 | | 191,297.72 |
| 1.85 | | | | | | | | | |
| 4,466.97 | 70,153.88 | 190,730.18 | | 12,038,776.39 | | | 1,101,273.77 | 14,753.03 | 13,154,803.19 |
| 2,800.29 | 52,746.39 | | | 5,945,595.53 | 149,571.18 | | 343,764.31 | 26,797.96 | 6,112,990.70 |
| | | | | | | | | | |
| 2,413.98 | 24,782.72 | | | 2,562,331.66 | | | 377,670.61 | 3,159.00 | 2,943,161.27 |
| 386.31 | 13,169.47 | | | 1,404,870.07 | | | 13,185.32 | 610.49 | 1,418,665.88 |
| 2,800.29 | 37,952.19 | | | 3,967,201.73 | | | 390,855.93 | 3,769.49 | 4,361,827.15 |
| | | | | 1,963,599.60 | | | | | 1,963,599.60 |
| 2,800.29 | 37,952.19 | | | 5,930,801.33 | | | 390,855.93 | 3,769.49 | 6,325,426.75 |
| | 14,794.20 | | | 14,794.20 | 149,571.18 | | 47,091.62 | 39,567.45 | 212,436.05 |

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
Operating and Income Accounts for the Years Ended October 31, 1935 and 1936

Niagara System
Georgian Bay System
Eastern Ontario System

Thunder Bay System
Local Distribution Systems
Rural Power Districts

Bonnechere River Storage
Service and Administrative
Buildings and Equipment

| | Year 1935-36 | Year 1934-35 | Increase or Decrease |
|---|-----------------|-----------------|-------------------------|
| | \$ c. | \$ c. | \$ c. |
| OPERATING REVENUES..... | 30,237,498.93 | 29,272,130.26 | 965,368.67 |
| OPERATING EXPENSES: | | | |
| Power purchased..... | 4,043,078.75 | 9,130,315.36 | 5,087,236.61 |
| Operation, maintenance and administration expenses | 6,296,217.15 | 6,072,694.50 | 223,522.65 |
| Depreciation provision for the year: | | | |
| Principal amount..... | 2,188,204.89 | 2,185,805.99 | 2,398.90 |
| Interest at 4% on reserves' balances..... | 1,242,516.51 | 1,118,374.15 | 124,142.36 |
| Total provision..... | 3,430,721.40 | 3,304,180.14 | 126,541.26 |
| Contingency provision for the year: | | | |
| Principal amount..... | 776,295.61 | 266,898.51 | 509,397.10 |
| Interest at 4% on reserves' balances..... | 252,931.14 | 358,951.83 | 106,020.69 |
| Total provision..... | 1,029,226.75 | 625,850.34 | 403,376.41 |
| Total operating expenses..... | 14,799,244.05 | 19,133,040.34 | 4,333,796.29 |
| NET OPERATING INCOME..... | 15,438,254.88 | 10,139,089.92 | 5,299,164.96 |
| NON-OPERATING INCOME: | | | |
| Miscellaneous interest income..... | 69,143.66 | 165,963.88 | 96,820.22 |
| Income from reserve fund investments..... | 1,731,198.07 | 1,698,798.22 | 32,399.85 |
| Income from sinking fund investments..... | 204,570.79 | 151,561.41 | 53,009.38 |
| Interest during construction..... | 81,843.05 | 101,113.59 | 19,270.54 |
| Miscellaneous non-operating income..... | 58,750.43 | 94,083.86 | 35,333.43 |
| Contributions from others..... | 142,500.00 | 180,016.89 | 37,516.89 |
| Interest and dividends from subsidiaries..... | 129,995.11 | 137,629.66 | 7,634.55 |
| Inter-system interest adjustments..... | 128,115.93 | 78,978.34 | 49,137.59 |
| Total non-operating income..... | 2,546,117.04 | 2,608,145.85 | 62,028.81 |
| GROSS INCOME..... | 17,984,371.92 | 12,747,235.77 | 5,237,136.15 |
| DEDUCTIONS FROM GROSS INCOME: | | | |
| Interest on long-term debt: | | | |
| H-E.P.C. debentures..... | 2,983,361.50 | 2,729,414.40 | 253,947.10 |
| Ontario Government bonds, 1935..... | 322,964.66 | | 322,964.66 |
| Ontario Government bonds, 1936..... | 8,494,847.84 | 9,166,262.53 | 671,414.69 |
| Exchange and commission: | | | |
| H-E.P.C. debentures..... | 9,935.22 | 8,520.10 | 1,415.12 |
| Ontario Government bonds..... | 100,851.58 | 31,094.95 | 69,756.63 |
| Amortization of debt discount and expense..... | 26,554.94 | 14,660.40 | 11,894.54 |
| Amortization of premium on debt..... | 47,570.47 | 41,072.80 | 6,497.67 |
| Miscellaneous interest deductions..... | 147,831.12 | 77,530.40 | 70,300.72 |
| Total deductions from gross income..... | 12,038,776.39 | 11,986,409.98 | 52,366.41 |
| NET INCOME..... | 5,945,595.53 | 760,825.79 | 5,184,769.74 |
| DISPOSITION OF NET INCOME: | | | |
| Sinking fund appropriation: | | | |
| Principal amount..... | 2,562,331.66 | 2,414,170.58 | 148,161.08 |
| Interest at 4% on reserves' balances..... | 1,404,870.07 | 1,258,021.64 | 146,848.43 |
| Total appropriation..... | 3,967,201.73 | 3,672,192.22 | 295,009.51 |
| Rate stabilization appropriation..... | 1,963,599.60 | | 1,963,599.60 |
| Total disposition of net income..... | 5,930,801.33 | 3,672,192.22 | 2,258,609.11 |
| SURPLUS (OR <i>Deficit</i>) TO CONTINGENCY RESERVES..... | 14,794.20 | 2,911,366.43 | 2,926,160.63 |

THE HYDRO-ELECTRIC POWER Summarization of Cost Distributions

| | Cost of power purchased | Operation, maintenance and ad- ministration expenses | Net financial expenses and direct interest credits to reserves | Deprecia- tion and obsolescence provision | Contingency provision |
|--|-------------------------------|--|--|--|--------------------------|
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| NIAGARA SYSTEM: | | | | | |
| Municipalities..... | 2,188,833.75 | 2,725,973.90 | 7,016,113.44 | 1,008,885.68 | 436,998.25 |
| Rural power districts..... | 102,949.44 | 199,303.83 | 390,571.63 | 68,174.71 | 25,934.28 |
| Companies..... | 801,565.52 | 987,366.14 | 2,250,363.25 | 294,195.92 | 135,315.97 |
| Local distribution systems..... | 17,499.43 | 80,263.28 | 74,151.20 | 13,131.81 | 6,025.99 |
| Operation of power plants, transmission lines and transformer stations..... | 3,110,848.14 | 3,992,907.15 | 9,731,199.52 | 1,384,388.12 | 604,274.49 |
| Rural operating..... | 961,373.80 | 468,336.43 | 347,175.94 | 246,593.95 | |
| Intra-system eliminations..... | 961,373.80 | | | | |
| Operating account—power undertakings..... | 3,110,848.14 | 4,461,243.58 | 10,078,375.46 | 1,630,982.07 | 604,274.49 |
| Rural lines operated by municipalities..... | | | 845.80 | 401.17 | 200.59 |
| | 3,110,848.14 | 4,461,243.58 | 10,079,221.26 | 1,631,383.24 | 604,475.08 |
| GEORGIAN BAY SYSTEM: | | | | | |
| Municipalities..... | 42,217.16 | 255,873.25 | 286,231.78 | 79,069.84 | 21,953.65 |
| Rural power districts..... | 7,856.64 | 38,085.38 | 44,761.43 | 12,973.07 | 3,527.67 |
| Companies and distributing systems..... | 3,472.11 | 24,252.71 | 26,288.52 | 7,857.61 | 2,569.66 |
| Operation of power plants, transmission lines and transformer stations..... | 53,545.91 | 318,211.34 | 357,281.73 | 99,900.52 | 28,050.98 |
| Rural operating..... | 118,260.48 | 61,721.90 | 45,190.96 | 31,705.13 | |
| Intra-system eliminations..... | 118,260.48 | | | | |
| Operating account—power undertakings..... | 53,545.91 | 379,933.24 | 402,472.69 | 131,605.65 | 28,050.98 |
| Rural lines operated by municipalities..... | | 2.00 | 153.99 | 56.15 | 28.07 |
| | 53,545.91 | 379,935.24 | 402,626.68 | 131,661.80 | 28,079.05 |
| EASTERN ONTARIO SYSTEM: | | | | | |
| Municipalities..... | 621,537.14 | 401,212.55 | 485,822.96 | 111,777.44 | 35,822.63 |
| Rural power districts..... | 47,457.78 | 48,167.11 | 59,805.73 | 15,314.01 | 4,547.05 |
| Companies..... | 174,551.95 | 158,327.96 | 213,571.25 | 49,669.23 | 15,276.14 |
| Local electric distribution systems..... | 13,554.04 | 37,609.23 | 26,678.19 | 8,602.81 | 1,359.38 |
| Local gas distribution system..... | | 16,486.76 | 1,228.29 | | |
| Pulp mill..... | 12,251.81 | 33,976.09 | 15,131.07 | 2,149.21 | 879.34 |
| Operation of power plants, transmission lines and transformer stations..... | 869,352.72 | 695,779.70 | 802,237.49 | 187,512.70 | 57,884.54 |
| Rural operating..... | 198,483.81 | 123,598.54 | 86,798.71 | 64,032.92 | |
| Intra-system eliminations..... | 198,483.81 | | | | |
| Operating account—power undertakings..... | 869,352.72 | 819,378.24 | 889,036.20 | 251,545.62 | 57,884.54 |
| THUNDER BAY SYSTEM: | | | | | |
| Municipalities..... | | 158,247.45 | 607,329.53 | 109,831.90 | 58,799.67 |
| Rural power districts..... | | 1,169.86 | 2,608.41 | 508.86 | 254.49 |
| Companies..... | | 79,139.85 | 284,684.34 | 47,993.16 | 26,802.78 |
| Operation of power plants, transmission lines and transformer stations..... | | 238,557.16 | 894,622.28 | 158,333.92 | 85,856.94 |
| Rural operating..... | 4,668.63 | 4,087.35 | 2,940.71 | 1,067.08 | |
| Intra-system eliminations..... | 4,668.63 | | | | |
| Operating account—power undertakings..... | | 242,644.51 | 897,562.99 | 159,401.00 | 85,856.94 |
| NON-SYSTEM PROPERTIES: | | | | | |
| Bonnechere River storage—Round Lake Dam..... | | 4.00 | 2,328.38 | | |
| Nipissing rural power district..... | 5,581.98 | 3,226.63 | 1,360.01 | 984.91 | |
| Manitoulin rural power district..... | 3,750.00 | 1,216.99 | 1,523.98 | 1,147.70 | |
| | 9,331.98 | 4,447.62 | 5,212.37 | 2,132.61 | |
| SUNDRY OPERATIONS: | | | | | |
| Service buildings and equipment..... | | 467,928.67 | 20,188.65 | 3,978.45 | |
| Administrative office building..... | | 113,511.84 | 68,194.51 | 8,102.17 | |
| Terminal building, Hamilton..... | | 31,879.90 | 30,934.41 | | |
| Inter-departmental charges..... | | 224,752.45 | | | |
| | | 388,567.96 | 119,317.57 | 12,080.62 | |
| Grand totals..... | 4,043,078.75 | 6,296,217.15 | 12,392,977.07 | 2,188,204.89 | 776,295.61 |

COMMISSION OF ONTARIO

for the Year Ended October 31, 1936

| Rate stabilization appropriation | Sinking fund appropriation | Total amount authorized to be charged for power (Section 56) | Amounts received from (or billed against) consumers by the Commission | Amounts remaining to be credited or charged to municipalities and rural power districts | | Total operating revenues | Surplus after sinking fund and rate stabiliza- tion ap- propriations |
|--|-------------------------------|--|--|--|-----------|--------------------------------|---|
| | | | | Credited | Charged | | |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 1,874,886.60 | 1,452,912.15 | 16,704,603.77 | 17,111,479.86 | 348,724.62 | 32,343.02 | 16,795,098.26 | 90,494.49 |
| 88,713.00 | 81,445.20 | 957,092.09 | 961,373.80 | | | 961,373.80 | 4,281.71 |
| | 488,121.14 | 4,956,927.94 | 4,850,336.37 | | | 4,850,336.37 | 106,591.57 |
| | 11,416.28 | 202,487.99 | 214,303.36 | | | 214,303.36 | 11,815.37 |
| 1,963,599.60 | 2,033,894.77 | 22,821,111.79 | 23,137,493.39 | 348,724.62 | 32,343.02 | 22,821,111.79 | |
| | 75,139.12 | 2,098,619.24 | 2,187,520.92 | 88,901.68 | | 2,098,619.24 | |
| | | 961,373.80 | 961,373.80 | | | 961,373.80 | |
| 1,963,599.60 | 2,109,033.89 | 23,958,357.23 | 24,363,640.51 | 437,626.30 | 32,343.02 | 23,958,357.23 | |
| | 361.05 | 1,808.61 | 1,808.61 | | | 1,808.61 | |
| 1,963,599.60 | 2,109,394.94 | 23,960,165.84 | 24,365,449.12 | 437,626.30 | 32,343.02 | 23,960,165.84 | |
| | 63,757.06 | 749,102.74 | 812,344.93 | 57,552.04 | 1,730.93 | 756,523.82 | 7,421.08 |
| | 9,970.44 | 117,174.63 | 118,260.48 | | | 118,260.48 | 1,085.85 |
| | 5,853.15 | 70,293.76 | 61,786.83 | | | 61,786.83 | 8,506.93 |
| | 79,580.65 | 936,571.13 | 992,392.24 | 57,552.04 | 1,730.93 | 936,571.13 | |
| | 10,066.12 | 266,944.59 | 263,578.21 | | 3,366.38 | 266,944.59 | |
| | | 118,260.48 | 118,260.48 | | | 118,260.48 | |
| | 89,646.77 | 1,085,255.24 | 1,137,709.97 | 57,552.04 | 5,097.31 | 1,085,255.24 | |
| | 50.54 | 290.75 | 290.75 | | | 290.75 | |
| | 89,697.31 | 1,085,545.99 | 1,138,000.72 | 57,552.04 | 5,097.31 | 1,085,545.99 | |
| | 99,654.71 | 1,755,827.43 | 2,021,138.92 | 167,158.51 | | 1,853,980.41 | 98,152.98 |
| | 12,286.35 | 187,578.03 | 198,483.81 | | | 198,483.81 | 10,905.78 |
| | 50,605.26 | 662,001.79 | 566,638.50 | | | 566,638.50 | 95,363.29 |
| | 2,457.71 | 90,261.36 | 108,089.94 | | | 108,089.94 | 17,828.58 |
| | | 17,715.05 | 14,785.31 | | | 14,785.31 | 2,929.74 |
| | 2,572.31 | 66,959.83 | 38,365.52 | | | 38,365.52 | 28,594.31 |
| | 167,576.34 | 2,780,343.49 | 2,947,502.00 | 167,158.51 | | 2,780,343.49 | |
| | 19,654.31 | 492,568.29 | 514,902.54 | 22,334.25 | | 492,568.29 | |
| | | 198,483.81 | 198,483.81 | | | 198,483.81 | |
| | 187,230.65 | 3,074,427.97 | 3,263,920.73 | 189,492.76 | | 3,074,427.97 | |
| | 94,007.29 | 1,028,215.84 | 982,135.66 | 31,008.92 | | 951,126.74 | 77,089.10 |
| | 421.87 | 4,963.49 | 4,668.63 | | | 4,668.63 | 294.86 |
| | 53,740.82 | 492,360.95 | 569,744.91 | | | 569,744.91 | 77,383.96 |
| | 148,169.98 | 1,525,540.28 | 1,556,549.20 | 31,008.92 | | 1,525,540.28 | |
| | 642.08 | 13,405.85 | 13,926.24 | 520.39 | | 13,405.85 | |
| | | 4,668.63 | 4,668.63 | | | 4,668.63 | |
| | 148,812.06 | 1,534,277.50 | 1,565,806.81 | 31,529.31 | | 1,534,277.50 | |
| | 1,737.60 | 4,069.98 | 4,069.98 | | | 4,069.98 | |
| | 300.23 | 11,453.76 | 11,957.57 | 503.81 | | 11,453.76 | |
| | 376.15 | 8,014.82 | 8,864.56 | 849.74 | | 8,014.82 | |
| | 2,413.98 | 23,538.56 | 24,892.11 | 1,353.55 | | 23,538.56 | |
| | 5,657.39 | 497,753.16 | 529,547.29 | | | 529,547.29 | 31,794.13 |
| | 19,125.33 | 208,933.85 | 198,648.00 | | | 198,648.00 | 10,285.85 |
| | | 62,814.31 | 32,176.68 | | | 32,176.68 | 30,637.63 |
| | | 224,752.45 | 200,828.90 | | | 200,828.90 | 23,923.55 |
| | 24,782.72 | 544,748.87 | 559,543.07 | | | 559,543.07 | 14,794.20 |
| 1,963,599.60 | 2,562,331.66 | 30,222,704.73 | 30,917,612.56 | 717,553.96 | 37,440.33 | 30,237,498.93 | 14,794.20 |

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
Fixed Assets—October 31, 1936
NIAGARA SYSTEM

| | Net capital expendi- tures for the year | Fixed Assets under Con- struction | Fixed Assets in Service | | | |
|--|--|---|---|---------------------|----------------|----------------|
| | | | Water rights and intan- gible items | Physical property | | Total |
| | | | | Non- depreciable | Depreciable | |
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Power Plants: | | | | | | |
| Niagara River: | | | | | | |
| Queenston-Chippawa..... | 21,704.83 | 9.10 | | 48,020,975.58 | 28,813,679.64 | 76,834,655.22 |
| Ontario Power..... | 42,878.51 | 504.55 | 7,281,151.42 | | 14,793,395.06 | 22,074,546.48 |
| Toronto Power..... | | | 3,683,475.94 | 140,035.66 | 7,697,945.93 | 11,521,457.53 |
| Ottawa River: | | | | | | |
| Chats Falls..... | 62,375.18 | | | 797,028.40 | 6,300,313.34 | 7,097,341.74 |
| Welland Canal: | | | | | | |
| DeCew Falls..... | 151.47 | 383.04 | 8,178,009.83 | 165,785.00 | 3,347,565.58 | 11,691,360.41 |
| Hamilton steam plant..... | 110.00 | | | 501,721.42 | | 501,721.42 |
| | 83,507.39 | 896.69 | 19,142,637.19 | 49,625,546.06 | 60,952,899.55 | 129,721,082.80 |
| Transformer Stations: | | | | | | |
| Southern Ontario..... | 122,291.43 | 14,386.47 | | | 26,613,930.48 | 26,613,930.48 |
| Eastern—Chats Falls..... | 13,064.78 | 36,131.72 | | | 8,876,082.62 | 8,876,082.62 |
| | 135,356.21 | 50,518.19 | | | 35,490,013.10 | 35,490,013.10 |
| Transmission Lines: | | | | | | |
| Southern Ontario: | | | | | | |
| Right-of-way..... | 76,020.11 | | | 6,968,487.42 | | 6,968,487.42 |
| Lines..... | 149,545.02 | 62,860.14 | | | 18,372,800.46 | 18,372,800.46 |
| Eastern-Chats Falls: | | | | | | |
| Right-of-way..... | 5,416.47 | | | 1,638,761.57 | | 1,638,761.57 |
| Lines..... | 228.60 | | | | 7,501,389.59 | 7,501,389.59 |
| | 68,337.04 | 62,860.14 | | 8,607,248.99 | 25,874,190.05 | 34,481,439.04 |
| Local Systems: | | | | | | |
| Niagara Peninsula and Dundas areas..... | 2,927.43 | | | | 246,706.41 | 246,706.41 |
| Sub-total..... | 153,453.99 | 114,275.02 | 19,142,637.19 | 58,232,795.05 | 122,563,809.11 | 199,939,241.35 |
| Rural Power Districts: | | | | | | |
| H-E.P.C. investment..... | 452,377.71 | 37,044.78 | | | 7,319,088.91 | 7,319,088.91 |
| Government grants..... | 451,492.20 | 36,955.81 | | | 7,235,501.69 | 7,235,501.69 |
| | 903,869.91 | 74,000.59 | | | 14,554,590.60 | 14,554,590.60 |
| Rural Lines: | | | | | | |
| Welland and Milton..... | | | | | 20,058.42 | 20,058.42 |
| Lincoln Electric: | | | | | | |
| St. Catharines System..... | | | | | 187,467.86 | 187,467.86 |
| | 1,057,323.90 | 188,275.61 | 19,142,637.19 | 58,232,795.05 | 137,325,925.99 | 214,701,358.23 |

| | Cost statements | | Transfers for cost purposes | Fixed Assets (as above) |
|--------------------------------|-----------------|----|-----------------------------|-------------------------|
| | \$ | c. | \$ | c. |
| Cost of Power schedules..... | 199,890,050.11 | | 49,191.24 | 199,939,241.35 |
| Rural Operating schedules..... | 7,368,280.15 | | 49,191.24 | 7,319,088.91 |
| Rural Lines schedule..... | 20,058.42 | | | 20,058.42 |

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

Fixed Assets—October 31, 1936

GEORGIAN BAY SYSTEM

| | Net capital expendi- tures for the year | Fixed Assets under Con- struction | Fixed Assets in Service | | | |
|----------------------------|---|---|--|---------------------|--------------|--------------|
| | | | Water rights and intangible items | Physical property | | Total |
| | | | | Non- depreciable | Depreciable | |
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Power Plants: | | | | | | |
| Musquash River: | | | | | | |
| Bala No. 1 & 2 Plants..... | 210.00 | | 39,929.64 | 1,810.00 | 50,650.70 | 92,390.34 |
| Seyvern River: | | | | | | |
| Wasdells..... | 383.08 | 383.08 | 15,202.32 | | 132,033.25 | 147,235.57 |
| Big Chute..... | 885.74 | 145.03 | 122,540.48 | | 548,746.14 | 671,286.62 |
| Beaver River: | | | | | | |
| Eugenia..... | *11,473.66 | 5.68 | *6,598.51 | 142,169.97 | 1,068,806.54 | 1,217,575.02 |
| Saugeen River: | | | | | | |
| Hanover & Maple Hill..... | | | | 16,000.00 | 29,882.55 | 45,882.55 |
| Walkerton..... | 120.00 | | 97,721.83 | | 115,879.03 | 213,600.86 |
| Southampton..... | | | 69,739.07 | | 74,447.30 | 144,186.37 |
| Muskoka River: | | | | | | |
| South Falls..... | 1,486.57 | | 17,365.93 | | 438,485.97 | 455,851.90 |
| Trethewey Falls..... | | | | 51,475.13 | 305,516.82 | 356,991.95 |
| Hanna Chute..... | | | | 36,120.82 | 207,624.55 | 243,745.37 |
| Hollow Lake Dam..... | | | | 16,555.34 | 29,540.16 | 46,095.50 |
| | 12,787.57 | 533.79 | 369,097.78 | 264,131.26 | 3,001,613.01 | 3,634,842.05 |
| Transformer Stations..... | 18,105.42 | 2,163.93 | | | 1,172,680.10 | 1,172,680.10 |
| Transmission Lines..... | 1,215.99 | 1,622.84 | | | 2,562,165.42 | 2,562,165.42 |
| Local Systems..... | 1,781.51 | | | | 85,531.32 | 85,531.32 |
| Sub-total..... | 31,458.51 | 4,320.56 | 369,097.78 | 264,131.26 | 6,821,989.85 | 7,455,218.89 |
| Rural Power Districts: | | | | | | |
| H-E.P.C. investment..... | 132,200.12 | 1,712.55 | | | 1,029,136.91 | 1,029,136.91 |
| Government grants..... | 127,685.85 | 1,712.55 | | | 940,914.98 | 940,914.98 |
| | 259,885.97 | 3,425.10 | | | 1,970,051.89 | 1,970,051.89 |
| Rural Lines: | | | | | | |
| Brechin & Flesherton..... | | | | | 2,807.43 | 2,807.43 |
| | 291,344.48 | 7,745.66 | 369,097.78 | 264,131.26 | 8,794,849.17 | 9,428,078.21 |

*Includes a book adjustment of \$6,598.51 on account of Beaver River Surveys.

| | Cost statements | Transfers for cost purposes | Preliminary expenditures | Fixed Assets (as above) |
|--------------------------------|--------------------|--------------------------------|-----------------------------|----------------------------|
| | \$ c. | \$ c. | \$ c. | \$ c. |
| Cost of Power schedules..... | 7,567,942.20 | 9,868.63 | 122,591.94 | 7,455,218.89 |
| Rural Operating schedules..... | 1,039,005.54 | 9,868.63 | | 1,029,136.91 |
| Rural Lines schedule..... | 2,807.43 | | | 2,807.43 |

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

Fixed Assets—October 31, 1936

EASTERN ONTARIO SYSTEM

| | Net capital expendi- tures for the year | Fixed Assets under Con- struction | Fixed Assets in Service | | | |
|-----------------------------|---|---|--|---------------------|---------------|---------------|
| | | | Water rights and intangible items | Physical property | | Total |
| | | | | Non- depreciable | Depreciable | |
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Power Plants: | | | | | | |
| Fenelon River: | | | | | | |
| Fenelon Falls..... | 245.00 | | 60,000.00 | | 84,729.33 | 144,729.33 |
| Otonabee River: | | | | | | |
| Auburn..... | 334.86 | 334.86 | 31,400.00 | | 286,875.92 | 318,275.92 |
| Trent River: | | | | | | |
| Heely Falls..... | | | | | 1,186,844.43 | 1,186,844.43 |
| Seymour..... | 1,111.27 | 1,111.27 | | | 299,745.74 | 299,745.74 |
| Ranney Falls..... | 105.91 | | | | 1,339,262.83 | 1,339,262.83 |
| Hagues Reach..... | 2,627.48 | | | | 576,371.78 | 576,371.78 |
| Meyersburg..... | 196.94 | | | | 837,060.41 | 837,060.41 |
| Frankford..... | 45.00 | | | | 252,038.13 | 252,038.13 |
| Sydney..... | 200.77 | | | | 252,103.66 | 252,103.66 |
| Misc. equipment..... | | | | | 46,504.47 | 46,504.47 |
| Mississippi River: | | | | | | |
| High Falls..... | 1,119.08 | | | 13,113.84 | 685,482.88 | 698,596.72 |
| Carleton Place..... | 1,125.00 | | | 7,929.06 | 49,847.10 | 57,776.16 |
| Intangibles..... | 41,255.67 | 7.00 | 2,274,472.31 | | | 2,274,472.31 |
| Galetta..... | 52,262.91 | | | 20,000.00 | 128,920.09 | 148,920.09 |
| Madawaska River: | | | | | | |
| Calabogie..... | 120.00 | | | 79,991.00 | 660,272.02 | 740,263.02 |
| Storage Dams..... | 3,180.58 | | | 2,555.00 | 16,036.40 | 18,591.40 |
| | 18,589.13 | 1,453.13 | 2,365,872.31 | 123,588.90 | 6,702,095.19 | 9,191,556.40 |
| Transformer Stations..... | 56,719.77 | 2,128.53 | | | 2,716,545.86 | 2,716,545.86 |
| Transmission Lines..... | 32,529.28 | 701.84 | | 215,815.59 | 4,195,536.57 | 4,411,352.16 |
| Local and Rural Systems | 4,151.41 | | | | 207,103.68 | 207,103.68 |
| Miscellaneous: | | | | | | |
| Campbellford Pulp Mill..... | | | | | 52,559.93 | 52,559.93 |
| Cobourg Gas Works..... | 74.85 | | | | 26,413.01 | 26,413.01 |
| | 74.85 | | | | 78,972.94 | 78,972.94 |
| Sub-total..... | 111,914.74 | 4,283.50 | 2,365,872.31 | 339,404.49 | 13,900,254.24 | 16,605,531.04 |
| Rural Power Districts: | | | | | | |
| H-E.P.C. investment.... | 159,746.48 | 11,964.64 | | | 1,920,071.87 | 1,920,071.87 |
| Government grants..... | 157,594.11 | 11,964.64 | | | 1,883,000.83 | 1,883,000.83 |
| | 317,340.59 | 23,929.28 | | | 3,803,072.70 | 3,803,072.70 |
| | 429,255.33 | 28,212.78 | 2,365,872.31 | 339,404.49 | 17,703,326.94 | 20,408,603.74 |

| | Cost statements | Transfer for cost purposes | Miscellaneous investments | Preliminary expenditure | Fixed Assets (as above) |
|--------------------------------|--------------------|-------------------------------|------------------------------|----------------------------|----------------------------|
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Cost of Power schedules..... | 17,535,899.92 | 32,006.83 | 6,375.00 | 956,000.71 | 16,605,531.04 |
| Rural Operating schedules..... | 1,952,078.70 | 32,006.83 | | | 1,920,071.87 |

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

Fixed Assets—October 31, 1936

THUNDER BAY SYSTEM

| | Net capital expenditures for the year | Fixed Assets under Construction | Fixed Assets in Service | | | |
|---------------------------|---------------------------------------|---------------------------------|-----------------------------------|-------------------|---------------|---------------|
| | | | Water rights and intangible items | Physical property | | Total |
| | | | | Non-depreciable | Depreciable | |
| Power Plants: | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Nipigon River: | | | | | | |
| Cameron Falls..... | 3,970.27 | 202.22 | | 241,874.12 | 8,777,538.79 | 9,019,412.91 |
| Alexander..... | 896.68 | 482.52 | | 76,898.44 | 5,375,547.29 | 5,452,445.73 |
| Virgin Falls Dam..... | | | | 55,450.41 | 426,736.74 | 482,187.15 |
| Deficit 1921-23..... | | | 620,818.33 | | | 620,818.33 |
| | 3,073.59 | 684.74 | 620,818.33 | 374,222.97 | 14,579,822.82 | 15,574,864.12 |
| Transformer Stations..... | 16,967.23 | 721.26 | | | 1,028,817.30 | 1,028,817.30 |
| Transmission Lines..... | 134,559.79 | 133,872.91 | | 213,193.71 | 1,704,997.42 | 1,918,191.13 |
| Sub-total..... | 148,453.43 | 135,278.91 | 620,818.33 | 587,416.68 | 17,313,637.54 | 18,521,872.55 |
| Rural Power Districts: | | | | | | |
| H-E.P.C. investment..... | 2,015.67 | 174.63 | | | 62,217.31 | 62,217.31 |
| Government grants..... | 2,015.67 | 174.64 | | | 62,217.30 | 62,217.30 |
| | 4,031.34 | 349.27 | | | 124,434.61 | 124,434.61 |
| | 152,484.77 | 135,628.18 | 620,818.33 | 587,416.68 | 17,438,072.15 | 18,646,307.16 |

| | Cost statements | Preliminary expenditures | Fixed assets (as above) |
|-------------------------------|-----------------|--------------------------|-------------------------|
| | \$ c. | \$ c. | \$ c. |
| Cost of Power schedules..... | 18,622,680.38 | 109,897.83 | 18,521,872.55 |
| Rural Operating schedule..... | 62,217.31 | | 62,217.31 |

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
SERVICE AND ADMINISTRATIVE BUILDINGS AND EQUIPMENT

Fixed Assets—October 31, 1936

| | Net capital expenditures for the year | Fixed Assets under Construction | Fixed Assets in Service | | | |
|----------------------------------|---------------------------------------|---------------------------------|-----------------------------------|-------------------|--------------|--------------|
| | | | Water rights and intangible items | Physical property | | Total |
| | | | | Non-depreciable | Depreciable | |
| Administrative Buildings: | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Toronto: | | | | | | |
| University Avenue..... | 10,739.62 | | | 195,837.00 | 1,459,611.42 | 1,655,448.42 |
| Elm and Centre Streets..... | | | | | 160,821.95 | 160,821.95 |
| | 10,739.62 | | | 195,837.00 | 1,620,433.37 | 1,816,270.37 |
| Service Buildings and Equipment: | | | | | | |
| Toronto..... | 6,143.37 | | | | 516,254.78 | 516,254.78 |
| Cobourg..... | | | | | 21,629.08 | 21,629.08 |
| Hamilton..... | | | | 441,439.88 | 308,560.12 | 750,000.00 |
| | 6,143.37 | | | 441,439.88 | 846,443.98 | 1,287,883.86 |
| | 16,882.99 | | | 637,276.88 | 2,466,877.35 | 3,104,154.23 |

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

Fixed Assets—October 31, 1936

NON-SYSTEM PROPERTIES

| | Net capital expendi- tures for the year | Fixed Assets under Con- struction | Fixed Assets in Service | | | |
|-------------------------------------|---|---|--|---------------------|-------------|------------|
| | | | Water rights and intangible items | Physical property | | Total |
| | | | | Non- depreciable | Depreciable | |
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Bonnechere River Storage: | | | | | | |
| Round Lake Dam..... | | | | | 23,185.58 | 23,185.58 |
| Deficit 1917-31..... | | | 28,556.30 | | | 28,556.30 |
| | | | 28,556.30 | | 23,185.58 | 51,741.88 |
| Nipissing Rural Power District: | | | | | | |
| H-E.P.C. investment..... | 3,233.80 | 294.08 | | | 30,245.12 | 30,245.12 |
| Government grants..... | 3,233.80 | 294.07 | | | 29,501.39 | 29,501.39 |
| | 6,467.60 | 588.15 | | | 59,746.51 | 59,746.51 |
| Manitoulin Rural Power District: | | | | | | |
| Transformer Station..... | | | | | 5,098.11 | 5,098.11 |
| Transmission lines..... | 406.45 | | | | 30,624.08 | 30,624.08 |
| | 406.45 | | | | 35,722.19 | 35,722.19 |
| Government grants..... | 406.44 | | | | 29,860.88 | 29,860.88 |
| | 812.89 | | | | 65,583.07 | 65,583.07 |
| | 7,280.49 | 588.15 | 28,556.30 | | 148,515.16 | 177,071.46 |

SUMMARY

| | Net capital expendi- tures for the year | Fixed Assets under Con- struction | Fixed Assets in Service | | | |
|--|---|---|--|---------------------|----------------|----------------|
| | | | Water rights and intangible items | Physical property | | Total |
| | | | | Non- depreciable | Depreciable | |
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Niagara System..... | 1,057,323.90 | 188,275.61 | 19,142,637.19 | 58,232,795.05 | 137,325,925.99 | 214,701,358.23 |
| Georgian Bay System..... | 291,344.48 | 7,745.66 | 369,097.78 | 264,131.26 | 8,794,849.17 | 9,428,078.21 |
| Eastern Ontario System..... | 429,255.33 | 28,212.78 | 2,365,872.31 | 339,404.49 | 17,703,326.94 | 20,408,603.74 |
| Thunder Bay System..... | 152,484.77 | 135,628.18 | 620,818.33 | 587,416.68 | 17,438,072.15 | 18,646,307.16 |
| Non-system Properties..... | 7,280.49 | 588.15 | 28,556.30 | | 148,515.16 | 177,071.46 |
| Service and ad- ministrative buildings and equipment..... | 16,882.99 | | | 637,276.88 | 2,466,877.35 | 3,104,154.23 |
| | 1,954,571.96 | 360,450.38 | 22,526,981.91 | 60,061,024.36 | 183,877,566.76 | 266,465,573.03 |

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
CAPITAL EXPENDITURES AND GRANTS—RURAL POWER DISTRICTS

Summary at October 31, 1936

Statement showing the extents to which Grants stand authorized by Orders-in-Council under the Rural Hydro-Electric Distribution Act, and the amounts of such Grants paid over by the Province to the Commission under such authorization up to October 31, 1936; also the total Capital Expenditures on the construction of Primary and Secondary Lines in Rural Power Districts and the amounts of the Grants (fifty percent. of both Primary and Secondary Lines) claimed from the Province of Ontario up to October 31, 1936.

| System | Grants authorized by Orders-in- Council | Amounts paid by Province under such authoriza- tions | Total capital expenditures on Rural Power Districts | *Grants claimed from the Province (50% of primary and secondary lines) |
|---|--|--|---|--|
| | \$ c. | \$ c. | \$ c. | \$ c. |
| Niagara System..... | 8,557,958.94 | 7,272,457.50 | 14,628,591.19 | 7,272,457.50 |
| Georgian Bay System..... | 1,134,882.49 | 942,465.56 | 1,973,476.99 | 942,627.53 |
| Eastern Ontario System..... | 2,237,222.65 | 1,894,965.47 | 3,827,001.98 | 1,894,965.47 |
| Thunder Bay System..... | 79,611.00 | 62,391.94 | 124,783.88 | 62,391.94 |
| Non-System Properties: | | | | |
| Nipissing District..... | 33,031.50 | 29,795.46 | 60,334.66 | 29,795.46 |
| Manitoulin District..... | 32,769.00 | 29,860.88 | 60,484.96 | 29,860.88 |
| Totals..... | 12,075,475.58 | 10,231,936.81 | 20,674,673.66 | 10,232,098.78 |
| Additional sum authorized by above Orders-in-Council and paid over to the Commission but not allocated as between rural power districts..... | | 13,171.29 | | |
| | 12,075,475.58 | 10,245,108.10 | 20,674,673.66 | 10,232,098.78 |

*Grants not made by Province in respect of a summer resort, street lighting systems in 66 districts, service buildings in 2 districts and amounts paid for business already established (hereinafter called Intangible Assets) in 9 rural distribution systems purchased from private companies.

NOTE:—

| | |
|---|-----------------|
| The amount of cash paid over by the Province to the Commission up to October 31, 1936, on account of authorized grants to rural power districts—as above set out—amounts to | \$10,245,108.10 |
| The Grants claimed from the Province—as above set out—in respect of rural power districts as at October 31, 1936, amount in the aggregate to | 10,232,098.78 |
| A balance of..... | \$13,009.32 |

Which balance represents:

| | |
|--|-------------|
| (a) Grant funds in the hands of the Commission at October 31, 1936, not allocated but to apply against the construction of authorized rural power districts and extension to existing districts..... | \$13,171.29 |
|--|-------------|

Less:

| | |
|---|--------------------|
| (b) Grants (or balance thereof) payable by the Province to the Commission in respect of Medonte rural power district (Georgian Bay System)..... | 161.97 |
| | <u>\$13,009.32</u> |

THE HYDRO-ELECTRIC POWER

Power Accounts Receivable

| System or Property | Wholesale power consumers | | | |
|-------------------------|---------------------------|---|------------|---|
| | Interim power bills | Accumulated amount standing as a charge or credit on October 31, 1936 | | Net total for wholesale consumers |
| | | Charge | Credit | |
| | \$ c. | \$ c. | \$ c. | \$ c. |
| NIAGARA SYSTEM: | | | | |
| Municipalities..... | 1,680,024.96 | 46,021.62 | 348,020.18 | 1,378,026.40 |
| Companies..... | 1,170,385.13 | | | 1,170,385.13 |
| Local and rural..... | | | | |
| Lincoln Electric..... | | | | |
| | 2,850,410.09 | 46,021.62 | 348,020.18 | 2,548,411.53 |
| GEORGIAN BAY SYSTEM: | | | | |
| Municipalities..... | 91,180.14 | 1,595.48 | 61,769.03 | 31,006.59 |
| Companies..... | 3,370.06 | | | 3,370.06 |
| Local and rural..... | | | | |
| | 94,550.20 | 1,595.48 | 61,769.03 | 34,376.65 |
| EASTERN ONTARIO SYSTEM: | | | | |
| Municipalities..... | 230,020.95 | | 171,458.44 | 58,562.51 |
| Companies..... | 40,528.00 | | | 40,528.00 |
| Rural..... | | | | |
| Local..... | | | | |
| | 270,548.95 | | 171,458.44 | 99,090.51 |
| THUNDER BAY SYSTEM: | | | | |
| Municipalities..... | 98,774.86 | | 31,052.90 | 67,721.96 |
| Companies..... | 50,007.82 | | | 50,007.82 |
| Rural..... | | | | |
| | 148,782.68 | | 31,052.90 | 117,729.78 |
| NON-SYSTEM PROPERTIES: | | | | |
| Nipissing rural..... | | | | |
| Manitoulin rural..... | | | | |
| | | | | |
| Grand totals..... | 3,364,291.92 | 47,617.10 | 612,300.55 | 2,799,608.47 |

COMMISSION OF ONTARIO

—October 31, 1936

| Retail power consumers— Local and rural districts | Net total of power accounts receivable | Balance sheet figures | | Debit balances three months or more overdue |
|--|--|-----------------------|--------------------|---|
| | | Debit balances | Credit balances | |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| ..... | 1,378,026.40 | 1,385,364.12 | 7,337.72 | 875.21 |
| ..... | 1,170,385.13 | 1,170,598.86 | 213.73 | 762,471.39* |
| 469,944.81 | 469,944.81 | 469,944.81 | ..... | 50,662.03 |
| 5,961.48 | 5,961.48 | 5,961.48 | ..... | 42.40 |
| 475,906.29 | 3,024,317.82 | 3,031,869.27 | 7,551.45 | 814,051.03 |
| ..... | 31,006.59 | 37,594.74 | 6,588.15 | 216.06 |
| ..... | 3,370.06 | 3,370.06 | ..... | ..... |
| 77,651.24 | 77,651.24 | 77,651.24 | ..... | 6,874.37 |
| 77,651.24 | 112,027.89 | 118,616.04 | 6,588.15 | 7,090.43 |
| ..... | 58,562.51 | 71,961.86 | 13,399.35 | ..... |
| ..... | 40,528.00 | 40,528.00 | ..... | ..... |
| 139,278.41 | 139,278.41 | 139,278.41 | ..... | 12,730.80 |
| 9,612.79 | 9,612.79 | 9,612.79 | ..... | 174.66 |
| 148,891.20 | 247,981.71 | 261,381.06 | 13,399.35 | 12,905.46 |
| ..... | 67,721.96 | 67,721.96 | ..... | ..... |
| ..... | 50,007.82 | 50,007.82 | ..... | ..... |
| 3,598.17 | 3,598.17 | 3,598.17 | ..... | 1,019.77 |
| 3,598.17 | 121,327.95 | 121,327.95 | ..... | 1,019.77 |
| 2,176.30 | 2,176.30 | 2,176.30 | ..... | 78.85 |
| 3,426.77 | 3,426.77 | 3,426.77 | ..... | 71.22 |
| 5,603.07 | 5,603.07 | 5,603.07 | ..... | 150.07 |
| 711,649.97 | 3,511,258.44 | 3,538,797.39 | 27,538.95 | 835,216.76 |

*Items included in the amount of \$762,471.39—Niagara System, Companies, overdue accounts—presently under settlement negotiations:

| | |
|--|---------------------|
| Department of Railways and Canals, Ottawa..... | \$500,067.05 |
| Maple Leaf Milling Company Limited..... | 190,336.07 |
| Canadian Aggregates Limited..... | 72,068.27 |
| | <u>\$762,471.39</u> |

THE HYDRO-ELECTRIC POWER
Funded Debt Issued or

| Description | Application of proceeds |
|--|---------------------------------------|
| NIAGARA SYSTEM: | |
| 4½% H-E.P.C. debentures..... | Refunding Toronto Power Co. |
| 5% " " | Refunding Toronto Power Co. |
| 6% " " | Toronto Power Co. |
| 6% " " | T. & Y. R.R. Equipment |
| 2½% " " | Refunding Gov'r. Advs., R.R., etc. |
| 6% " " | Refunding Ontario Power Co. |
| 3½% " " | Refunding D. P. & T. and E. D. Co.'s. |
| 5% Ontario Power Co. bonds..... | Ontario Power Co. |
| 2½% H-E.P.C. debentures..... | Refunding Gov't. Advs., T.T., etc. |
| 5% Ontario Transmission Co. bonds..... | Ontario Transmission Co. |
| 4% H-E.P.C. debentures..... | Ontario Power Co. |
| 4% " " | Essex System |
| 4% " " | Thorold System |
| 4¾% " " | Dom. Power & Trans. Co. |
| Municipal debentures assumed..... | Rural Lines |
| GEORGIAN BAY SYSTEM: | |
| Gravenhurst debentures assumed..... | Muskoka Power |
| Brock Twp. " " | Rural Lines |
| EASTERN ONTARIO SYSTEM: | |
| Municipal debentures assumed..... | Rural Lines |
| RADIAL RAILWAYS: | |
| 6% H-E. Railway bonds..... | T. & Y. Radial |
| <u>Funded Debt as shown on the Balance Sheet of The</u> <u>Hydro-Electric Power Commission of Ontario</u> | |
| NORTHERN ONTARIO PROPERTIES: | |
| 3½%/4/5% H-E.P.C. debentures..... | Ontario Power Service Corp. |
| 2½% " " | Abitibi and St. Joseph Districts |
| GUELPH RADIAL RAILWAY: | |
| 5% H.E. Railway bonds..... | Extensions and Betterments |
| <u>Funded Debt relating to all properties vested in, or</u> <u>operated by the Commission</u> | |
| HYDRO-RADIAL DEBENTURES ASSUMED BY S. W. & A. RLY. CO. AND THE PROVINCE OF ONTARIO: | |
| 5% H-E. Railway bonds..... | Essex County Rly. |
| 5% " " " " | " " " |
| 5% " " " " | " " " |
| 5% " " " " | " " " |
| 4½% " " " " | " " " |
| 6% " " " " | " " " |
| <u>Total funded debt in the hands of the public</u> | |
| TREASURY SECURITIES PLEDGED WITH THE BANK OF MONTREAL: | |
| 5% H-E. Railway bonds..... | Pt. C. & St. C. Radial |
| <u>Total funded debt issued or assumed</u> | |

COMMISSION OF ONTARIO

Assumed—October 31, 1936

| Date of issue | Date of maturity | Principal outstanding October 31, 1936 | Interest for the year 1935-36 | Interest accrued October 31, 1936 |
|--------------------|--------------------|--|----------------------------------|--------------------------------------|
| | | \$ c. | \$ c. | \$ c. |
| February 1, 1933 | February 1, 1938 | 9,000,000.00 | 405,000.00 | 101,250.00 |
| June 16, 1924 | June 15, 1939 | 4,000,000.00 | 200,000.00 | 75,000.00 |
| December 1, 1920 | December 1, 1940 | 413,200.00 | 24,792.00 | 10,330.00 |
| December 1, 1920 | December 1, 1940 | 205,800.00 | 12,348.00 | 5,145.00 |
| March 1, 1936 | March 1, 1941 | 10,000,000.00* | 166,666.67* | 41,666.67* |
| June 24, 1921 | June 24, 1941 | 3,200,000.00 | 192,000.00 | 67,857.53 |
| January 1, 1935 | January 1, 1943 | 10,000,000.00 | 350,000.00 | 116,666.66 |
| February 1, 1903 | February 1, 1943 | 7,679,000.00 | 383,954.76 | 95,987.50 |
| June 15, 1936 | June 15, 1944 | 10,000,000.00* | 93,750.00* | 93,750.00* |
| May 1, 1905 | May 1, 1945 | 1,201,000.00 | 60,752.78 | ..... |
| August 1, 1917 | August 1, 1957 | 8,000,000.00 | 320,000.00 | 80,000.00 |
| June 1, 1918 | June 1, 1958 | 200,000.00 | 8,000.00 | 3,333.34 |
| December 1, 1918 | December 1, 1958 | 100,000.00 | 4,000.00 | 1,666.67 |
| January 1, 1930 | January 1, 1970 | 13,000,000.00 | 617,500.00 | 205,833.33 |
| Various | Various | 76,999,000.00 | 2,838,764.21 | 898,486.70 |
| | | 10,989.14 | 950.87 | 156.01 |
| | | 77,009,989.14 | 2,839,715.08 | 898,642.71 |
| Various Various | Various Various | 7,433.05 | 844.82 | 304.47 |
| | | 587.00 | 41.42 | 1.77 |
| | | 8,020.05 | 886.24 | 306.24 |
| Various | Various | 4,078.31 | 260.18 | 188.05 |
| December 1, 1920 | December 1, 1940 | 2,375,000.00 | 142,500.00 | 59,375.00 |
| | | 79,397,087.50 | 2,983,361.50 | 958,512.00 |
| October 1, 1932 | October 1, 1952 | 17,626,950.00 | 616,943.25 | 51,411.94 |
| March 1, 1936 | March 1, 1941 | 5,000,000.00 | 83,333.33 | 20,833.33 |
| May 1, 1931 | November 1, 1970 | 22,626,950.00 | 700,276.58 | 72,245.27 |
| | | 300,000.00 | 15,000.00 | ..... |
| | | 102,324,037.50 | 3,698,638.08 | 1,030,757.27 |
| September 1, 1923 | September 1, 1943 | 966,205.00 | ..... | ..... |
| July 1, 1925 | July 1, 1945 | 750,000.00 | ..... | ..... |
| September 1, 1925 | September 1, 1945 | 100,000.00 | ..... | ..... |
| July 15, 1926 | July 15, 1946 | 1,000,000.00 | ..... | ..... |
| April 1, 1920 | April 1, 1960 | 2,100,000.00 | ..... | ..... |
| July 1, 1921 | July 1, 1961 | 900,000.00 | ..... | ..... |
| | | 5,816,205.00 | ..... | ..... |
| | | 108,140,242.50 | 3,698,638.08 | 1,030,757.27 |
| November 1, 1919 | November 1, 1969 | 1,200,000.00 | ..... | ..... |
| | | 109,340,242.50 | 3,698,638.08 | 1,030,757.27 |

*These H-E.P.C. debentures do not wholly apply to the Niagara system because the Government advances R.R. & T.T., which they refunded, applied to all systems. Allocation to systems is to be made during the year 1936-37.

THE HYDRO-ELECTRIC POWER
Provision for Depreciation and

| | Niagara System | Georgian Bay System |
|--|-------------------|------------------------|
| | \$ c. | \$ c. |
| Balances at November 1, 1935..... | 23,278,963.13 | 1,763,664.31 |
| Depreciation and obsolescence provisions for the year: | | |
| Principal—as per cost statement..... | 1,631,383.24 | 131,661.80 |
| Interest at 4% on reserves' balances..... | 931,158.53 | 70,546.58 |
| Total provision..... | 2,562,541.77 | 202,208.38 |
| Adjustments re transfers of equipment..... | ..... | ..... |
| Sub-total..... | 25,841,504.90 | 1,965,872.69 |
| Expenditures for the year..... | 286,020.14 | 19,424.45 |
| Balances at October 31, 1936..... | 25,555,484.76 | 1,946,448.24 |
| Account balances: | | |
| Power plants, transmission lines and transformer stations..... | 22,874,057.91 | 1,704,282.10 |
| Rural power districts..... | 2,676,217.51 | 241,409.13 |
| Rural lines..... | 5,209.34 | 757.01 |
| Nipissing rural power districts..... | ..... | ..... |
| Manitoulin rural power district..... | ..... | ..... |
| Administrative office building..... | ..... | ..... |
| Service buildings and equipment..... | ..... | ..... |
| | 25,555,484.76 | 1,946,448.24 |

*In previous years known as Renewals Reserves.

COMMISSION OF ONTARIO

Obsolescence*—October 31, 1936

| Eastern Ontario System | Thunder Bay System | Non-system properties | Service and administrative buildings and equipment | Total for power undertakings operated on a “cost basis” |
|---------------------------|-----------------------|--------------------------|---|--|
| \$ c. 3,850,477.24 | \$ c. 1,763,831.49 | \$ c. 9,580.73 | \$ c. 468,019.04 | \$ c. 31,134,535.94 |
| 251,545.62 | 159,401.00 | 2,132.61 | 12,080.62 | 2,188,204.89 |
| 154,259.70 | 70,553.26 | 383.23 | 15,615.21 | 1,242,516.51 |
| 405,805.32 | 229,954.26 | 2,515.84 | 27,695.83 | 3,430,721.40 |
| 6,969.31 | ..... | ..... | 180.22 | 6,789.09 |
| 4,263,251.87 | 1,993,785.75 | 12,096.57 | 495,534.65 | 34,572,046.43 |
| 32,376.57 | 1,058.24 | ..... | 919.90 | 339,799.30 |
| 4,230,875.30 | 1,992,727.51 | 12,096.57 | 494,614.75 | 34,232,247.13 |
| 3,730,976.84 | 1,980,623.76 | ..... | ..... | 30,289,940.61 |
| 499,898.46 | 12,103.75 | ..... | ..... | 3,429,628.85 |
| ..... | ..... | 7,151.01 | ..... | 5,966.35 |
| ..... | ..... | 4,945.56 | ..... | 7,151.01 |
| ..... | ..... | ..... | 144,014.97 | 4,945.56 |
| ..... | ..... | ..... | 350,599.78 | 144,014.97 |
| ..... | ..... | ..... | ..... | 350,599.78 |
| 4,230,875.30 | 1,992,727.51 | 12,096.57 | 494,614.75 | 34,232,247.13 |

THE HYDRO-ELECTRIC POWER

Contingency Reserves

| | Niagara System | Georgian Bay System |
|---|-------------------|------------------------|
| | \$ c. | \$ c. |
| Balances at November 1, 1935..... | 3,780,570.79 | 493,873.22 |
| Contingencies provisions for the year: | | |
| Principal—as per cost statement..... | 604,475.08 | 28,079.05 |
| Interest at 4% on reserves' balances..... | 151,222.83 | 19,754.93 |
| Total provision..... | 755,697.91 | 47,833.98 |
| Profits from sale of securities..... | 136,833.46 | 11,413.86 |
| Adjustment in book value of the capital stock of the Hamilton Street Railway Company, being changes in surplus account since acquisition..... | 7,208.78 | |
| Surplus after sinking fund and rate stabilization appro- priations..... | | |
| Sub-total..... | 4,680,310.94 | 553,121.06 |
| Contingencies met with during the year..... | 263,956.79 | 15,232.30 |
| Hamilton Street Railway Company: | | |
| Unearned interest on Commission's investment in capital stock..... | 123,737.66 | |
| Deficit for the year..... | 25,833.52 | |
| | 149,571.18 | |
| Amount provided for Stores Obsolescence..... | | |
| Deficit—Terminal Building, Hamilton..... | 30,637.63 | |
| Total charges..... | 444,165.60 | 15,232.30 |
| Balances at October 31, 1936..... | 4,236,145.34 | 537,888.76 |
| Account balances: | | |
| Power plants, transmission lines, transformer stations and rural power districts..... | 4,233,462.69 | 537,551.02 |
| Rural lines..... | 2,682.65 | 337.74 |
| Nipissing rural power districts..... | | |
| Manitoulin rural power district..... | | |
| | 4,236,145.34 | 537,888.76 |

COMMISSION OF ONTARIO

—October 31, 1936

| Eastern Ontario System | Thunder Bay System | Non-system properties | Service and administrative buildings and equipment | Total for power undertakings operated on a “cost basis” |
|---------------------------|-----------------------|--------------------------|---|--|
| \$ c. 1,298,240.13 | \$ c. 746,529.49 | \$ c. 4,064.76 | \$ c. | \$ c. 6,323,278.39 |
| 57,884.54 | 85,856.94 | ..... | ..... | 776,295.61 |
| 51,929.61 | 29,861.18 | 162.59 | ..... | 252,931.14 |
| 109,814.15 | 115,718.12 | 162.59 | ..... | 1,029,226.75 |
| 26,042.56 | 12,697.57 | ..... | ..... | 186,987.45 |
| ..... | ..... | ..... | ..... | 7,208.78 |
| ..... | ..... | ..... | 14,794.20 | 14,794.20 |
| 1,434,096.84 | 874,945.18 | 4,227.35 | 14,794.20 | 7,561,495.57 |
| 23,951.03 | 3,749.76 | ..... | ..... | 306,889.88 |
| ..... | ..... | ..... | ..... | 123,737.66 |
| ..... | ..... | ..... | ..... | 25,833.52 |
| ..... | ..... | ..... | ..... | 149,571.18 |
| ..... | ..... | ..... | 45,431.83 | 45,431.83 |
| ..... | ..... | ..... | 30,637.63 | ..... |
| 23,951.03 | 3,749.76 | ..... | 14,794.20 | 501,892.89 |
| 1,410,145.81 | 871,195.42 | 4,227.35 | ..... | 7,059,602.68 |
| 1,410,145.81 | 871,195.42 | ..... | ..... | 7,052,354.94 |
| ..... | ..... | 2,361.93 | ..... | 3,020.39 |
| ..... | ..... | 1,865.42 | ..... | 2,361.93 |
| ..... | ..... | ..... | ..... | 1,865.42 |
| 1,410,145.81 | 871,195.42 | 4,227.35 | ..... | 7,059,602.68 |

THE HYDRO-ELECTRIC POWER

Sinking Fund Reserves—

| | Niagara System | Georgian Bay System |
|---|-------------------|------------------------|
| | \$ c. | \$ c. |
| Balances at November 1, 1935..... | 30,626,386.79 | 1,191,718.14 |
| Adjustments—prior years..... | 2.91 | |
| | 30,626,383.88 | 1,191,718.14 |
| Sinking fund appropriations for the year: | | |
| Principal—as per cost statement..... | 2,109,394.94 | 89,697.31 |
| Interest at 4% on reserves' balances..... | 1,225,055.36 | 47,668.72 |
| Total appropriation..... | 3,334,450.30 | 137,366.03 |
| Balances at October 31, 1936..... | 33,960,834.18 | 1,329,084.17 |
| Account balances: | | |
| Systems..... | 33,250,196.51 | 1,260,146.88 |
| Rural power districts..... | 697,325.02 | 67,827.43 |
| Rural lines..... | 13,312.65 | 1,109.86 |
| Bonnechere River storage system..... | | |
| Nipissing rural power districts..... | | |
| Manitoulin rural power district..... | | |
| Administrative office buildings..... | | |
| Service buildings and equipment..... | | |
| | 33,960,834.18 | 1,329,084.17 |

COMMISSION OF ONTARIO

—October 31, 1936

| Eastern Ontario System | Thunder Bay System | Non-system properties | Service and administrative buildings and equipment | Totals for power undertakings operated on a “cost basis” |
|--------------------------------|--------------------------------|----------------------------|---|---|
| \$ c. 1,514,404.40 | \$ c. 1,450,350.77 | \$ c. 9,657.71 | \$ c. 329,236.66 | \$ c. 35,121,754.47 2.91 |
| 1,514,404.40 | 1,450,350.77 | 9,657.71 | 329,236.66 | 35,121,751.56 |
| 187,230.65 | 148,812.06 | 2,413.98 | 24,782.72 | 2,562,331.66 |
| 60,576.18 | 58,014.03 | 386.31 | 13,169.47 | 1,404,870.07 |
| 247,806.83 | 206,826.09 | 2,800.29 | 37,952.19 | 3,967,201.73 |
| 1,762,211.23 | 1,657,176.86 | 12,458.00 | 367,188.85 | 39,088,953.29 |
| 1,628,599.28 | 1,654,637.23 | ..... | ..... | 37,793,579.90 |
| 133,611.95 | 2,539.63 | ..... | ..... | 901,304.03 |
| ..... | ..... | ..... | ..... | 14,422.51 |
| ..... | ..... | 9,405.55 | ..... | 9,405.55 |
| ..... | ..... | 1,574.43 | ..... | 1,574.43 |
| ..... | ..... | 1,478.02 | ..... | 1,478.02 |
| ..... | ..... | ..... | 214,256.57 | 214,256.57 |
| ..... | ..... | ..... | 152,932.28 | 152,932.28 |
| 1,762,211.23 | 1,657,176.86 | 12,458.00 | 367,188.85 | 39,088,953.29 |

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

Account with

The Provincial Treasurer of the Province of Ontario
For the Two Years Ended October 31, 1936

ADVANCES FROM THE PROVINCE OF ONTARIO

| | Total | Northern Ontario Properties operated for the Province of Ontario | Niagara and other systems operated on a "Cost Basis" |
|---|-----------------------|---|---|
| | \$ c. | \$ c. | \$ c. |
| ADVANCES FOR CAPITAL EXPENDITURES: | | | |
| Cash advances made by the Province to the Commission for capital expenditure purposes during the years 1909 to 1934 inclusive..... | 207,250,258.34 | 8,272,889.39 | 198,977,368.95 |
| Cash returned by the Commission to the Province on April 30, 1935, to cover the difference between advances made by the Province to the Commission during the year ended October 31, 1934, and the capital expenditures made out of such advances by the Commission in that year..... | 247,507.98 | 74,001.99 | 173,505.99 |
| Total advances for capital expenditures..... | 207,002,750.36 | 8,198,887.40 | 198,803,862.96 |
| REPAYMENTS OF ADVANCES—1926-33: | | | |
| Cash repayments made by the Commission to the Province during the years 1926 to 1933 inclusive, which have been applied in each subsequent year to reduce the Commission's share in maturing Provincial obligations..... | 17,008,616.73 | | 17,008,616.73 |
| COMMISSION'S SHARE IN PROVINCIAL BONDS AT OCT. 31, 1934..... | 189,994,133.63 | 8,198,887.40 | 181,795,246.23 |
| TRANSFERS TO REPAYMENT ACCOUNT (as shown below): | | | |
| Commission's share in Provincial Bonds maturing in 1934-35..... | 3,946,628.69 | 498,062.05 | 3,448,566.64 |
| Commission's share in Provincial Bonds maturing in 1935-36..... | 21,998,092.45 | 532,771.72 | 21,465,320.73 |
| Total share in maturing Provincial Bonds, 1934-36..... | 25,944,721.14 | 1,030,833.77 | 24,913,887.37 |
| COMMISSION'S SHARE IN PROVINCIAL BONDS AT OCT. 31, 1936..... | 164,049,412.49 | 7,168,053.63 | 156,881,358.86 |
| REPAYMENT ACCOUNT | | | |
| REPAYMENTS OF ADVANCES—1934-36: | | | |
| Cash repayments made by the Commission to the Province as follows:— | | | |
| October 31, 1934..... | 2,412,398.33 | | 2,412,398.33 |
| October 31, 1935..... | 2,410,683.65 | 335,264.83 | 2,075,418.82 |
| During the year ended October 31, 1936..... | 22,813,942.30 | 390,855.93 | 22,423,086.37 |
| Total repayments, 1934-36..... | 27,637,024.28 | 726,120.76 | 26,910,903.52 |
| TRANSFERS FROM PROVINCIAL ADVANCE ACCOUNT (as above): | | | |
| Commission's share in Provincial Bonds maturing in 1934-35..... | 3,946,628.69 | 498,062.05 | 3,448,566.64 |
| Commission's share in Provincial Bonds maturing in 1935-36..... | 21,998,092.45 | 532,771.72 | 21,465,320.73 |
| Total share in maturing Provincial Bonds, 1934-36..... | 25,944,721.14 | 1,030,833.77 | 24,913,887.37 |
| CASH ON DEPOSIT WITH THE PROVINCE AT OCTOBER 31, 1936..... | 1,692,303.14 | 304,713.01 | 1,997,016.15 |

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

DETAILED STATEMENTS

FOR MUNICIPALITIES AND RURAL POWER DISTRICTS

For the Year ended October 31, 1936

| | |
|-----------------------|--|
| Cost of Power..... | Charges to Municipalities and Rural Power Districts |
| Rural Operating..... | Charges to Rural Power Districts |
| Credit or Charge..... | Accumulated Balances of Municipalities and Rural Power Districts on account of Annual Cost Adjustments |
| Sinking Fund..... | Equities of Municipalities and Rural Power Districts |

NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Share of operating | | |
|--------------------|--|------------------|---|--|-------------------------|--|------------|
| | To Jan. 1, 1936 | To Oct. 31, 1936 | | | Cost of power purchased | Operation, maintenance and administrative expenses | Interest |
| | \$ c. | \$ c. | \$ c. | | \$ c. | \$ c. | \$ c. |
| Acton..... | 33.00 | 32.00 | 289,417.44 | 1,075.4 | 3,743.93 | 5,937.21 | 13,992.63 |
| Agincourt..... | 40.00 | 40.00 | 48,880.51 | 150.3 | 523.26 | 1,115.60 | 2,377.53 |
| Ailsa Craig..... | 52.00 | 51.00 | 35,779.75 | 94.3 | 328.30 | 1,244.36 | 1,739.95 |
| Alvinston..... | 82.00 | 75.00 | 48,951.74 | 81.2 | 282.69 | 1,667.31 | 2,382.68 |
| Amherstburg..... | 38.00 | 38.00 | 191,187.95 | 652.5 | 2,271.63 | 4,180.01 | 9,304.55 |
| Ancaster twp..... | 32.00 | 32.00 | 62,183.82 | 246.9 | 859.57 | 1,741.67 | 3,024.70 |
| Arkona..... | 75.00 | 72.00 | 28,127.39 | 47.8 | 166.41 | 1,056.13 | 1,368.42 |
| Aylmer..... | 36.00 | 35.00 | 136,176.44 | 497.3 | 1,731.32 | 3,320.70 | 6,617.67 |
| Ayr..... | 35.00 | 34.00 | 45,121.25 | 172.0 | 598.81 | 1,187.41 | 2,195.93 |
| Baden..... | 33.00 | 33.00 | 81,834.52 | 314.0 | 1,093.17 | 2,040.44 | 3,981.92 |
| Beachville..... | 33.00 | 33.00 | 104,176.21 | 402.4 | 1,400.93 | 2,743.03 | 5,072.46 |
| Belle River..... | 40.00 | 40.00 | 40,160.69 | 134.8 | 469.30 | 1,208.59 | 1,954.16 |
| Blenheim..... | 39.00 | 39.00 | 109,778.77 | 371.3 | 1,292.66 | 3,316.12 | 5,340.42 |
| Blyth..... | 56.00 | 54.00 | 37,160.33 | 87.2 | 303.58 | 995.13 | 1,808.11 |
| Bolton..... | 44.00 | 43.00 | 41,378.81 | 126.2 | 439.36 | 1,160.00 | 2,014.88 |
| Bothwell..... | 47.00 | 47.00 | 33,558.22 | 103.9 | 361.72 | 1,644.47 | 1,632.52 |
| Brampton..... | 31.50 | 31.50 | 527,029.23 | 2,225.9 | 7,749.32 | 14,602.99 | 25,519.30 |
| Brantford..... | 27.00 | 27.00 | 3,175,127.75 | 13,835.1 | 48,165.96 | 63,808.67 | 154,503.13 |
| Brantford twp..... | 32.00 | 32.00 | 137,421.13 | 599.3 | 2,086.42 | 4,858.38 | 6,688.16 |
| Bridgeport..... | 36.00 | 36.00 | 33,739.23 | 117.6 | 409.42 | 695.32 | 1,641.67 |
| Brigden..... | 65.00 | 65.00 | 30,775.49 | 62.0 | 215.85 | 1,093.73 | 1,498.47 |
| Brussels..... | 52.00 | 50.00 | 46,910.89 | 118.1 | 411.16 | 1,246.20 | 2,275.06 |
| Burford..... | 35.00 | 35.00 | 41,711.26 | 149.5 | 520.47 | 1,077.51 | 2,029.93 |
| Burgessville..... | 60.00 | 55.00 | 13,623.80 | 32.7 | 113.84 | 498.32 | 662.77 |
| Caledonia..... | 32.00 | 32.00 | 71,073.75 | 288.0 | 1,002.65 | 1,518.52 | 3,458.16 |
| Campbellville..... | 60.00 | 60.00 | 12,389.10 | 26.9 | 93.65 | 431.32 | 601.29 |
| Cayuga..... | 52.00 | 48.00 | 41,752.62 | 103.5 | 360.33 | 1,107.51 | 2,033.83 |
| Chatham..... | 31.00 | 31.00 | 1,091,153.92 | 4,430.3 | 15,423.79 | 26,188.94 | 53,077.72 |
| Chippawa..... | 25.00 | 25.00 | 48,753.05 | 255.0 | 887.77 | 1,244.59 | 2,371.41 |
| Clifford..... | 60.00 | 56.00 | 31,888.67 | 69.9 | 243.35 | 807.08 | 1,548.87 |
| Clinton..... | 39.00 | 38.00 | 134,528.96 | 444.9 | 1,548.89 | 3,085.47 | 6,545.91 |
| Comber..... | 50.00 | 46.00 | 47,291.85 | 128.7 | 448.06 | 1,345.15 | 2,300.59 |
| Cottam..... | 46.00 | 45.00 | 20,336.48 | 58.5 | 203.66 | 576.01 | 989.65 |
| Courtright..... | 72.00 | 70.00 | 19,711.89 | 33.2 | 115.58 | 735.22 | 959.01 |
| Dashwood..... | 53.00 | 50.00 | 27,581.24 | 72.9 | 253.80 | 719.66 | 1,341.71 |
| Delaware..... | 40.00 | 40.00 | 10,649.35 | 41.3 | 143.78 | 447.22 | 517.73 |
| Dorchester..... | 43.00 | 42.00 | 25,804.98 | 82.4 | 286.87 | 731.34 | 1,256.50 |
| Drayton..... | 58.00 | 56.00 | 42,953.74 | 93.9 | 326.91 | 1,106.63 | 2,090.47 |
| Dresden..... | 44.00 | 44.00 | 94,546.89 | 285.0 | 992.21 | 3,094.38 | 4,599.35 |
| Drumbo..... | 44.00 | 41.00 | 19,077.53 | 61.6 | 214.46 | 631.55 | 929.58 |

SYSTEM

N.—COST OF POWER

Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ending October 31, 1936

| costs and fixed charges | | | | Cost in excess of revenue from power sold to private companies | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality Credited (Charged) |
|---|-----------------------------|--------------------------------------|----------------------------|--|---|---|---|
| Provision for depreciation and obsolescence | Provision for contingencies | Provision for stabilization of rates | Provision for sinking fund | | | | |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 2,446.08 | 935.80 | 3,226.20 | 2,916.19 | 155.72 | 33,353.76 | 34,603.24 | 1,249.48 |
| 440.34 | 144.53 | 450.90 | 498.88 | 21.76 | 5,572.80 | 6,009.97 | 437.17 |
| 371.62 | 111.71 | 282.90 | 366.74 | 13.65 | 4,459.23 | 4,825.12 | 365.89 |
| 588.61 | 149.72 | 243.60 | 507.20 | 11.76 | 5,833.57 | 6,187.28 | 353.71 |
| 1,681.57 | 633.76 | 1,957.50 | 1,945.69 | 94.49 | 22,069.20 | 24,794.32 | 2,725.12 |
| 506.12 | 196.92 | 740.70 | 628.87 | 35.75 | 7,734.30 | 7,900.75 | 166.45 |
| 335.96 | 87.60 | 143.40 | 291.18 | 6.92 | 3,456.02 | 3,466.07 | 10.05 |
| 1,171.17 | 433.85 | 1,491.90 | 1,380.37 | 72.00 | 16,218.98 | 17,502.18 | 1,283.20 |
| 377.82 | 145.03 | 516.00 | 457.31 | 24.91 | 5,503.22 | 5,877.13 | 373.91 |
| 679.66 | 266.10 | 942.00 | 829.04 | 45.46 | 9,877.79 | 10,363.55 | 485.76 |
| 862.26 | 349.02 | 1,207.20 | 1,055.84 | 58.27 | 12,749.01 | 13,278.62 | 529.61 |
| 357.25 | 133.09 | 404.40 | 408.88 | 19.51 | 4,955.18 | 5,389.95 | 434.77 |
| 983.79 | 363.76 | 1,113.90 | 1,117.08 | 53.76 | 13,581.49 | 14,479.33 | 897.84 |
| 403.51 | 116.93 | 261.60 | 382.23 | 12.62 | 4,283.71 | 4,737.96 | 454.25 |
| 398.49 | 125.03 | 378.60 | 422.91 | 18.27 | 4,957.54 | 5,452.23 | 494.69 |
| 317.87 | 112.02 | 311.70 | 342.49 | 15.04 | 4,737.83 | 4,882.48 | 144.65 |
| 3,978.69 | 1,599.62 | 6,677.70 | 5,290.85 | 322.31 | 65,740.78 | 70,114.40 | 4,373.62 |
| 24,088.98 | 10,199.52 | 30,242.40 | 32,022.14 | 1,459.70 | 364,490.50 | 364,687.49 | 196.99 |
| 1,019.55 | 433.45 | 1,797.90 | 1,384.97 | 86.78 | 18,355.61 | 19,175.97 | 820.36 |
| 300.91 | 109.42 | 352.80 | 343.03 | 17.02 | 3,869.59 | 4,232.13 | 362.54 |
| 350.52 | 100.07 | 186.00 | 317.84 | 8.98 | 3,771.46 | 4,031.61 | 260.15 |
| 492.92 | 149.29 | 354.30 | 480.07 | 17.10 | 5,426.10 | 5,944.97 | 518.87 |
| 365.79 | 139.01 | 448.50 | 423.73 | 21.64 | 5,026.58 | 5,230.69 | 204.11 |
| 147.33 | 42.65 | 98.10 | 140.03 | 4.74 | 1,707.78 | 1,826.13 | 118.35 |
| 568.78 | 228.13 | 864.00 | 718.39 | 41.80 | 8,400.43 | 9,215.72 | 815.29 |
| 138.38 | 36.98 | 80.70 | 127.33 | 3.89 | 1,513.54 | 1,613.50 | 99.96 |
| 448.29 | 127.56 | 310.50 | 429.38 | 14.99 | 4,832.39 | 5,037.99 | 205.60 |
| 8,457.02 | 3,536.40 | 13,290.90 | 11,025.27 | 641.51 | 131,641.55 | 137,340.57 | 5,699.02 |
| 304.41 | 141.02 | 765.00 | 486.64 | 36.92 | 6,237.76 | 6,374.33 | 136.57 |
| 354.12 | 99.48 | 209.70 | 327.93 | 10.12 | 3,600.65 | 3,966.44 | 365.79 |
| 1,232.74 | 418.74 | 1,334.70 | 1,370.31 | 64.43 | 15,601.19 | 16,479.63 | 878.44 |
| 479.58 | 150.52 | 386.10 | 484.49 | 18.63 | 5,613.12 | 6,003.93 | 390.81 |
| 198.68 | 66.47 | 175.50 | 208.08 | 8.47 | 2,426.52 | 2,642.38 | 215.86 |
| 235.98 | 58.57 | 99.60 | 204.09 | 4.81 | 2,412.86 | 2,338.98 | (73.88) |
| 286.25 | 86.85 | 218.70 | 282.77 | 10.55 | 3,200.29 | 3,683.79 | 483.50 |
| 87.45 | 34.13 | 123.90 | 107.74 | 5.98 | 1,467.93 | 1,652.30 | 184.37 |
| 243.38 | 83.07 | 247.20 | 263.34 | 11.94 | 3,123.64 | 3,477.97 | 354.33 |
| 478.75 | 131.65 | 281.70 | 442.64 | 13.60 | 4,872.35 | 5,288.48 | 416.13 |
| 909.33 | 309.42 | 855.00 | 965.69 | 41.27 | 11,766.65 | 12,541.28 | 774.63 |
| 179.44 | 61.78 | 184.80 | 194.76 | 8.91 | 2,405.28 | 2,558.75 | 153.47 |

NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each
it by the Commission; the amount received by the Commission
or charged to each Municipality in respect of power

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Share of operating | | |
|------------------------|--|------------------|---|--|-------------------------|--|------------|
| | To Jan. 1, 1936 | To Oct. 31, 1936 | | | Cost of power purchased | Operation, maintenance and administrative expenses | Interest |
| | \$ c. | \$ c. | \$ c. | | \$ c. | \$ c. | \$ c. |
| Dublin..... | 59.00 | 59.00 | 16,772.28 | 35.9 | 124.98 | 576.28 | 816.07 |
| Dundas..... | 27.00 | 27.00 | 343,943.59 | 1,578.9 | 5,496.80 | 6,117.93 | 16,729.29 |
| Dunnville..... | 32.00 | 32.00 | 223,855.69 | 863.1 | 3,004.82 | 5,116.48 | 10,891.04 |
| Dutton..... | 38.00 | 38.00 | 59,120.46 | 212.4 | 739.46 | 1,891.26 | 2,873.81 |
| Elmira..... | 36.00 | 36.00 | 182,238.19 | 643.8 | 2,241.35 | 3,219.16 | 8,867.30 |
| Elora..... | 36.00 | 36.00 | 81,360.84 | 277.0 | 964.36 | 2,093.55 | 3,936.69 |
| Embro..... | 46.00 | 47.00 | 32,380.91 | 97.9 | 340.83 | 1,009.94 | 1,576.40 |
| Erieau..... | 56.00 | 54.00 | 28,036.32 | 68.8 | 239.52 | 829.24 | 1,363.92 |
| Erie Beach..... | 70.00 | 65.00 | 7,080.17 | 15.4 | 53.61 | 283.34 | 344.42 |
| Essex..... | 36.00 | 36.00 | 118,907.07 | 407.9 | 1,420.08 | 2,763.73 | 5,786.76 |
| Etobicoke twp..... | 28.00 | 28.00 | 920,171.16 | 4,001.5 | 13,930.95 | 17,736.02 | 44,759.50 |
| Exeter..... | 40.00 | 39.00 | 123,174.63 | 401.0 | 1,396.05 | 3,133.72 | 6,008.24 |
| Fergus..... | 36.00 | 36.00 | 274,093.01 | 971.1 | 3,380.82 | 5,791.11 | 13,259.10 |
| Fonthill..... | 34.00 | 34.00 | 28,149.04 | 120.2 | 418.47 | 1,089.26 | 1,387.12 |
| Forest..... | 48.00 | 46.00 | 122,629.17 | 340.2 | 1,184.38 | 4,078.10 | 5,966.05 |
| Galt..... | 27.00 | 27.00 | 1,398,757.83 | 6,144.0 | 21,389.92 | 30,314.03 | 68,053.90 |
| Georgetown..... | 36.00 | 36.00 | 328,567.01 | 1,119.0 | 3,895.72 | 7,100.95 | 15,890.29 |
| Glencoe..... | 58.00 | 56.00 | 77,798.35 | 182.3 | 634.67 | 2,488.86 | 3,784.80 |
| Goderich..... | 43.00 | 43.00 | 346,741.95 | 1,015.2 | 3,534.35 | 8,002.58 | 16,871.61 |
| Granton..... | 56.00 | 53.00 | 22,400.86 | 61.3 | 213.41 | 780.71 | 1,096.90 |
| Guelph..... | 28.00 | 28.00 | 1,933,202.51 | 8,568.6 | 29,831.00 | 40,220.19 | 94,059.79 |
| Hagersville..... | 33.00 | 33.00 | 161,552.62 | 570.1 | 1,984.76 | 3,029.34 | 7,860.46 |
| Hamilton..... | 24.50 | 24.50 | 19,576,073.26 | 94,791.5 | 330,010.10 | 335,416.77 | 952,160.48 |
| Harriston..... | 44.00 | 43.00 | 101,138.73 | 302.1 | 1,051.74 | 2,781.12 | 4,922.80 |
| Harrow..... | 39.00 | 39.00 | 116,140.95 | 381.8 | 1,329.21 | 2,847.42 | 5,652.49 |
| Hensall..... | 52.00 | 50.00 | 59,947.74 | 146.2 | 508.99 | 1,320.50 | 2,922.26 |
| Hespeler..... | 29.00 | 29.00 | 426,227.24 | 1,861.3 | 6,479.98 | 9,406.03 | 20,737.17 |
| Highgate..... | 47.00 | 47.00 | 23,405.19 | 65.4 | 227.69 | 739.54 | 1,137.16 |
| Humberstone..... | 29.00 | 29.00 | 88,513.10 | 377.9 | 1,315.63 | 1,774.69 | 4,305.56 |
| Ingersoll..... | 30.00 | 29.00 | 499,358.27 | 2,057.9 | 7,164.44 | 12,173.25 | 24,332.91 |
| Jarvis..... | 42.00 | 40.00 | 57,486.15 | 164.1 | 571.30 | 1,344.27 | 2,779.82 |
| Kingsville..... | 39.00 | 39.00 | 143,314.88 | 464.8 | 1,618.17 | 3,496.21 | 6,974.62 |
| Kitchener..... | 27.00 | 27.00 | 3,881,394.11 | 17,144.0 | 59,685.68 | 75,896.49 | 188,864.52 |
| Lambeth..... | 42.00 | 42.00 | 30,260.91 | 98.0 | 341.18 | 1,209.34 | 1,471.41 |
| LaSalle..... | 37.00 | 37.00 | 55,599.22 | 192.9 | 671.57 | 1,492.76 | 2,705.02 |
| Leamington..... | 38.00 | 38.00 | 395,644.12 | 1,288.3 | 4,485.13 | 9,516.91 | 19,194.78 |
| Listowel..... | 37.00 | 37.00 | 258,793.37 | 915.5 | 3,187.25 | 7,272.41 | 12,592.90 |
| London..... | 27.00 | 27.00 | 6,979,604.20 | 31,590.5 | 109,980.19 | 127,392.58 | 339,481.89 |
| London Rly. Com'n..... | | | 278,863.48 | 978.8 | 3,407.63 | 8,959.80 | 13,555.65 |
| London twp..... | 34.00 | 34.00 | 104,353.73 | 408.5 | 1,422.17 | 2,471.96 | 5,076.05 |

SYSTEM

N.—COST OF POWER

Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ending October 31, 1936

| costs and fixed charges | | | | Cost in excess of revenue from power sold to private companies | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality Credited (Charged) |
|---|-----------------------------|--------------------------------------|----------------------------|--|---|---|---|
| Provision for depreciation and obsolescence | Provision for contingencies | Provision for stabilization of rates | Provision for sinking fund | | | | |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ |
| 188.23 | 61.22 | 107.70 | 172.87 | 5.19 | 2,052.54 | 2,118.55 | 66.01 |
| 2,430.91 | 1,055.00 | 4,736.70 | 3,455.95 | 228.63 | 40,251.21 | 42,630.59 | 2,379.38 |
| 1,907.34 | 782.75 | 2,589.30 | 2,267.08 | 124.97 | 26,683.78 | 27,618.20 | 934.42 |
| 514.82 | 189.29 | 637.20 | 599.81 | 30.76 | 7,476.41 | 8,069.58 | 593.17 |
| 1,610.30 | 598.98 | 1,931.40 | 1,851.96 | 93.23 | 20,413.68 | 23,177.70 | 2,764.02 |
| 732.56 | 265.33 | 831.00 | 823.11 | 40.11 | 9,686.71 | 9,972.60 | 285.89 |
| 315.32 | 105.33 | 293.70 | 330.97 | 14.17 | 3,986.66 | 4,587.32 | 600.66 |
| 297.71 | 88.02 | 206.40 | 288.01 | 9.96 | 3,322.78 | 3,738.14 | 415.36 |
| 78.70 | 22.27 | 46.20 | 72.93 | 2.23 | 903.70 | 1,003.22 | 99.52 |
| 1,042.01 | 396.46 | 1,223.70 | 1,209.86 | 59.06 | 13,901.66 | 14,682.87 | 781.21 |
| 6,738.27 | 2,891.57 | 12,004.50 | 9,269.71 | 579.42 | 107,909.94 | 112,041.73 | 4,131.79 |
| 1,151.57 | 393.14 | 1,203.00 | 1,258.52 | 58.07 | 14,602.31 | 15,711.78 | 1,109.47 |
| 2,401.09 | 881.35 | 2,913.30 | 2,768.33 | 140.62 | 31,535.72 | 34,961.10 | 3,425.38 |
| 226.04 | 86.85 | 360.60 | 287.67 | 17.40 | 3,873.41 | 4,085.62 | 212.21 |
| 1,227.73 | 407.10 | 1,020.60 | 1,255.73 | 49.26 | 15,188.95 | 15,765.97 | 577.02 |
| 10,284.36 | 4,412.06 | 18,432.00 | 14,087.73 | 889.65 | 167,863.65 | 165,887.10 | (1,976.55) |
| 2,955.40 | 1,039.98 | 3,357.00 | 3,322.36 | 162.03 | 37,723.73 | 40,284.90 | 2,561.17 |
| 841.51 | 246.62 | 546.90 | 800.12 | 26.39 | 9,369.87 | 10,274.39 | 904.52 |
| 3,409.41 | 1,052.12 | 3,045.60 | 3,545.58 | 146.99 | 39,608.24 | 42,380.41 | 2,772.17 |
| 231.05 | 68.75 | 183.90 | 231.01 | 8.87 | 2,814.60 | 3,287.41 | 472.81 |
| 14,115.81 | 6,160.98 | 25,705.80 | 19,463.15 | 1,240.73 | 230,797.45 | 239,919.98 | 9,122.53 |
| 1,438.84 | 519.85 | 1,710.30 | 1,641.75 | 82.55 | 18,267.85 | 18,813.27 | 545.42 |
| 130,101.11 | 59,471.31 | 284,374.50 | 196,183.81 | 13,725.79 | 2,301,443.87 | 2,322,390.00 | 20,946.13 |
| 984.41 | 329.18 | 906.30 | 1,033.92 | 43.75 | 12,053.22 | 13,038.10 | 984.88 |
| 1,048.09 | 383.05 | 1,145.40 | 1,183.53 | 55.29 | 13,644.48 | 14,891.80 | 1,247.32 |
| 645.45 | 182.88 | 438.60 | 617.21 | 21.17 | 6,657.06 | 7,360.77 | 703.71 |
| 3,152.76 | 1,342.80 | 5,583.90 | 4,293.90 | 269.51 | 51,266.05 | 53,976.66 | 2,710.61 |
| 233.87 | 74.69 | 196.20 | 239.29 | 9.47 | 2,857.91 | 3,072.20 | 214.29 |
| 684.96 | 289.39 | 1,133.70 | 892.42 | 54.72 | 10,451.07 | 10,957.63 | 506.56 |
| 3,913.89 | 1,600.22 | 6,173.70 | 5,051.62 | 297.98 | 60,708.01 | 60,039.57 | (668.44) |
| 573.63 | 179.13 | 492.30 | 584.51 | 23.76 | 6,548.72 | 6,620.49 | 71.77 |
| 1,304.72 | 481.03 | 1,394.40 | 1,461.01 | 67.30 | 16,797.46 | 18,128.14 | 1,330.68 |
| 28,308.97 | 12,354.12 | 51,432.00 | 39,086.82 | 2,482.45 | 458,111.05 | 462,889.13 | 4,778.08 |
| 282.37 | 95.21 | 294.00 | 308.23 | 14.19 | 4,015.93 | 4,115.65 | 99.72 |
| 483.03 | 186.38 | 578.70 | 565.31 | 27.93 | 6,710.70 | 7,137.53 | 426.83 |
| 3,574.09 | 1,270.86 | 3,864.90 | 4,019.88 | 186.55 | 46,113.10 | 48,956.30 | 2,843.20 |
| 2,266.27 | 851.25 | 2,746.50 | 2,629.94 | 132.56 | 31,679.08 | 33,872.91 | 2,193.83 |
| 49,455.55 | 21,864.23 | 94,771.50 | 70,177.33 | 4,574.29 | 817,697.56 | 852,942.14 | 35,244.58 |
| 2,468.70 | 989.57 | 2,936.40 | 2,831.70 | 141.73 | 35,291.18 | 31,078.15 | (4,213.03) |
| 851.06 | 333.34 | 1,225.50 | 1,055.98 | 59.15 | 12,495.21 | 13,889.53 | 1,394.32 |

NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Share of operating | | |
|--------------------------|--|-----------------|---|--|-------------------------|--|-----------|
| | To Jan. 1, 1936 | To Oct. 31 1936 | | | Cost of power purchased | Operation, main-tenance and adminis-trative expenses | Interest |
| | | | | | | | |
| | \$ c. | \$ c. | \$ c. | | \$ c. | \$ c. | \$ c. |
| Long Branch..... | 30.00 | 30.00 | 175,404.36 | 733.7 | 2,554.33 | 3,672.38 | 8,531.41 |
| Lucan..... | 39.00 | 38.00 | 35,719.83 | 130.1 | 452.93 | 1,197.66 | 1,752.86 |
| Lynden..... | 40.00 | 38.00 | 24,027.18 | 84.5 | 294.18 | 662.98 | 1,168.74 |
| Markham..... | 43.00 | 37.00 | 69,627.39 | 244.3 | 850.51 | 2,168.47 | 3,382.87 |
| Merlin..... | 48.00 | 46.00 | 32,973.86 | 95.9 | 333.87 | 837.86 | 1,604.04 |
| Merritton..... | 24.00 | 24.00 | 724,584.49 | 3,905.8 | 13,597.78 | 14,780.65 | 35,185.77 |
| Milton..... | 35.00 | 35.00 | 182,488.22 | 677.4 | 2,358.32 | 5,086.24 | 8,841.43 |
| Milverton..... | 36.00 | 36.00 | 77,585.38 | 268.2 | 933.72 | 2,086.36 | 3,772.69 |
| Mimico..... | 26.00 | 26.00 | 453,484.98 | 2,098.0 | 7,304.05 | 9,028.45 | 22,056.11 |
| Mitchell..... | 33.00 | 34.00 | 117,525.87 | 442.9 | 1,541.93 | 3,016.17 | 5,718.66 |
| Moorefield..... | 65.00 | 65.00 | 20,612.80 | 42.2 | 146.92 | 633.61 | 1,003.15 |
| Mount Brydges..... | 42.00 | 42.00 | 25,761.44 | 90.0 | 313.33 | 1,061.40 | 1,252.51 |
| Newbury..... | 54.00 | 54.00 | 16,708.11 | 42.9 | 149.35 | 623.52 | 812.82 |
| New Hamburg..... | 35.00 | 35.00 | 120,906.09 | 432.2 | 1,504.68 | 2,480.25 | 5,883.06 |
| New Toronto..... | 30.00 | 30.00 | 1,429,099.54 | 5,945.7 | 20,699.55 | 28,685.99 | 69,509.37 |
| Niagara Falls..... | 19.00 | 19.00 | 1,499,177.57 | 8,709.2 | 30,320.48 | 28,306.55 | 72,920.95 |
| Niagara-on-the Lake..... | 27.00 | 27.00 | 100,234.81 | 515.9 | 1,796.07 | 2,891.64 | 4,875.60 |
| Norwich..... | 36.00 | 35.00 | 91,806.90 | 334.0 | 1,162.80 | 2,482.26 | 4,465.85 |
| Oil Springs..... | 44.00 | 44.00 | 65,929.41 | 196.3 | 683.41 | 1,897.46 | 3,223.58 |
| Otterville..... | 48.00 | 45.00 | 30,965.37 | 90.2 | 314.03 | 871.13 | 1,506.34 |
| Palmerston..... | 40.00 | 40.00 | 118,954.05 | 391.4 | 1,362.63 | 3,560.57 | 5,790.18 |
| Paris..... | 28.00 | 28.00 | 280,948.74 | 1,224.4 | 4,262.67 | 6,253.83 | 13,673.54 |
| Parkhill..... | 64.00 | 60.00 | 67,659.14 | 136.5 | 475.22 | 1,656.57 | 3,290.58 |
| Petrolia..... | 40.00 | 40.00 | 281,898.24 | 903.3 | 3,144.78 | 7,888.75 | 13,714.60 |
| Plattsville..... | 55.00 | 50.00 | 26,171.59 | 65.4 | 227.69 | 747.96 | 1,274.81 |
| Point Edward..... | 40.00 | 38.00 | 274,181.66 | 1,021.8 | 3,557.33 | 9,557.65 | 13,339.07 |
| Port Colborne..... | 29.00 | 29.00 | 325,688.02 | 1,390.5 | 4,840.93 | 6,262.63 | 15,842.52 |
| Port Credit..... | 34.00 | 34.00 | 150,940.91 | 590.8 | 2,056.83 | 4,332.60 | 7,354.77 |
| Port Dalhousie..... | 30.00 | 30.00 | 136,064.61 | 598.0 | 2,081.90 | 3,286.87 | 6,624.31 |
| Port Dover..... | 38.00 | 38.00 | 95,235.27 | 317.7 | 1,106.05 | 2,385.85 | 4,634.67 |
| Port Rowan..... | 60.00 | 55.00 | 23,630.24 | 58.8 | 204.71 | 653.97 | 1,145.52 |
| Port Stanley..... | 40.00 | 39.00 | 119,400.63 | 381.1 | 1,326.77 | 2,895.88 | 5,694.36 |
| Preston..... | 27.00 | 27.00 | 561,548.83 | 2,505.5 | 8,722.73 | 12,391.02 | 27,320.98 |
| Princeton..... | 50.00 | 45.00 | 37,189.20 | 105.0 | 365.55 | 1,121.27 | 1,811.72 |
| Queenston..... | 29.00 | 29.00 | 18,810.85 | 91.2 | 317.51 | 655.21 | 915.01 |
| Richmond Hill..... | 35.00 | 35.00 | 90,502.90 | 336.1 | 1,170.11 | 2,568.44 | 4,396.73 |
| Ridgetown..... | 38.00 | 38.00 | 126,643.92 | 431.4 | 1,501.89 | 3,898.28 | 6,151.31 |
| Riverside..... | 34.00 | 34.00 | 262,106.92 | 897.0 | 3,122.84 | 5,124.24 | 12,752.10 |
| Rockwood..... | 42.00 | 40.00 | 32,259.00 | 97.8 | 340.48 | 994.62 | 1,561.88 |
| Rodney..... | 52.00 | 48.00 | 45,594.13 | 117.3 | 408.37 | 1,610.24 | 2,213.41 |

SYSTEM

N.—COST OF POWER

Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ending October 31, 1936

| costs and fixed charges | | | | Cost in excess of revenue from power sold to private companies | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality Credited (Charged) |
|---|-----------------------------|--------------------------------------|----------------------------|--|---|---|---|
| Provision for depreciation and obsolescence | Provision for contingencies | Provision for stabilization of rates | Provision for sinking fund | | | | |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 1,335.54 | 555.89 | 2,201.10 | 1,769.89 | 106.24 | 20,726.78 | 22,011.00 | 1,284.22 |
| 313.05 | 116.35 | 390.30 | 365.80 | 18.84 | 4,607.79 | 4,966.28 | 358.49 |
| 214.39 | 74.96 | 253.50 | 244.13 | 12.23 | 2,925.11 | 3,240.64 | 315.53 |
| 567.26 | 216.79 | 732.90 | 706.66 | 35.37 | 8,660.83 | 9,272.62 | 611.79 |
| 323.37 | 109.10 | 287.70 | 337.15 | 13.89 | 3,846.98 | 4,440.47 | 593.49 |
| 4,243.38 | 2,011.11 | 11,717.40 | 7,207.65 | 565.56 | 89,309.30 | 93,738.77 | 4,429.47 |
| 1,542.32 | 546.30 | 2,032.20 | 1,842.85 | 98.09 | 22,347.75 | 23,708.11 | 1,360.36 |
| 689.67 | 261.56 | 804.60 | 788.54 | 38.84 | 9,375.98 | 9,656.01 | 280.03 |
| 3,097.74 | 1,364.13 | 6,294.00 | 4,554.66 | 303.79 | 54,002.93 | 54,549.04 | 546.11 |
| 981.21 | 375.66 | 1,328.70 | 1,191.47 | 64.13 | 14,217.93 | 14,985.54 | 767.61 |
| 234.77 | 63.55 | 126.60 | 212.71 | 6.11 | 2,427.42 | 2,741.46 | 314.04 |
| 228.87 | 82.28 | 270.00 | 261.69 | 13.03 | 3,483.11 | 3,779.30 | 296.19 |
| 174.03 | 56.21 | 128.70 | 171.45 | 6.21 | 2,122.29 | 2,317.50 | 195.21 |
| 1,059.53 | 391.52 | 1,296.60 | 1,228.16 | 62.58 | 13,906.38 | 15,125.37 | 1,218.99 |
| 10,937.93 | 4,590.42 | 17,837.10 | 14,423.42 | 860.94 | 167,544.72 | 178,370.75 | 10,826.03 |
| 7,908.12 | 4,052.30 | 26,127.60 | 14,873.49 | 1,261.08 | 185,770.57 | 165,474.31 | (20,296.26) |
| 639.88 | 269.78 | 1,547.70 | 1,001.39 | 74.71 | 13,096.77 | 13,928.81 | 832.04 |
| 794.49 | 301.47 | 1,002.00 | 931.69 | 48.37 | 11,188.93 | 11,748.88 | 559.95 |
| 640.92 | 227.56 | 588.90 | 677.19 | 28.43 | 7,967.45 | 8,638.77 | 671.32 |
| 307.14 | 98.79 | 270.60 | 316.60 | 13.06 | 3,697.69 | 4,109.53 | 411.84 |
| 1,094.18 | 390.27 | 1,174.20 | 1,212.32 | 56.68 | 14,641.03 | 15,656.76 | 1,015.73 |
| 2,085.86 | 885.23 | 3,673.20 | 2,831.58 | 177.29 | 33,843.20 | 34,281.76 | 438.56 |
| 775.95 | 201.36 | 409.50 | 697.93 | 19.77 | 7,526.88 | 8,289.66 | 762.78 |
| 2,604.29 | 952.35 | 2,709.90 | 2,873.99 | 130.69 | 34,019.35 | 36,802.92 | 2,783.57 |
| 279.28 | 82.44 | 196.20 | 269.08 | 9.47 | 3,086.93 | 3,319.92 | 232.99 |
| 2,275.46 | 912.07 | 3,065.40 | 2,780.34 | 147.95 | 35,635.27 | 39,196.08 | 3,560.81 |
| 2,520.32 | 1,064.83 | 4,171.50 | 3,283.69 | 201.34 | 38,187.76 | 40,324.31 | 2,136.55 |
| 1,235.28 | 491.22 | 1,772.40 | 1,530.14 | 85.55 | 18,858.79 | 20,088.29 | 1,229.50 |
| 1,031.11 | 408.67 | 1,794.00 | 1,371.29 | 86.59 | 16,684.74 | 17,940.25 | 1,255.51 |
| 876.28 | 301.54 | 953.10 | 969.92 | 46.00 | 11,273.41 | 12,072.55 | 799.14 |
| 250.90 | 71.73 | 176.40 | 241.79 | 8.51 | 2,753.53 | 3,284.26 | 530.73 |
| 1,089.59 | 374.43 | 1,143.30 | 1,192.66 | 55.18 | 13,772.17 | 14,896.87 | 1,124.70 |
| 4,061.00 | 1,777.07 | 7,516.50 | 5,651.61 | 362.80 | 67,803.71 | 67,647.77 | (155.94) |
| 375.93 | 119.16 | 315.00 | 381.15 | 15.20 | 4,504.98 | 4,807.11 | 302.13 |
| 129.49 | 54.15 | 273.60 | 188.51 | 13.21 | 2,546.69 | 2,643.30 | 96.61 |
| 701.08 | 284.47 | 1,008.30 | 916.51 | 48.66 | 11,094.30 | 11,763.43 | 669.13 |
| 1,126.52 | 418.80 | 1,294.20 | 1,286.31 | 62.46 | 15,739.77 | 16,394.75 | 654.98 |
| 2,299.66 | 895.78 | 2,691.00 | 2,666.33 | 129.89 | 29,681.84 | 30,499.10 | 817.26 |
| 311.67 | 106.78 | 293.40 | 327.84 | 14.16 | 3,950.83 | 3,947.62 | (3.21) |
| 477.41 | 141.91 | 351.90 | 466.80 | 16.98 | 5,687.02 | 5,721.30 | 34.28 |

NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Share of operating | | |
|----------------------|--|-----------------|---|--|-------------------------|--|--------------|
| | To Jan. 1, 1936 | To Oct. 31 1936 | | | Cost of power purchased | Operation, main-tenance and adminis-trative expenses | Interest |
| | | | | | | | |
| | \$ c. | \$ c. | \$ c. | | \$ c. | \$ c. | \$ c. |
| St. Catharines..... | 23.00 | 23.00 | 1,811,563.51 | 9,764.0 | 33,992.71 | 36,522.02 | 88,128.09 |
| St. Clair Beach..... | 40.00 | 40.00 | 21,377.62 | 64.8 | 225.60 | 564.59 | 1,040.06 |
| St. George..... | 40.00 | 40.00 | 43,536.34 | 147.8 | 514.56 | 1,248.88 | 2,117.80 |
| St. Jacobs..... | 34.00 | 34.00 | 66,174.98 | 254.7 | 886.72 | 1,642.19 | 3,210.25 |
| St. Marys..... | 36.00 | 36.00 | 338,296.03 | 1,283.4 | 4,468.07 | 10,715.14 | 16,464.77 |
| St. Thomas..... | 28.00 | 28.00 | 1,502,176.51 | 6,715.6 | 23,379.91 | 32,342.20 | 73,003.78 |
| Sarnia..... | 34.00 | 33.00 | 1,986,243.14 | 7,286.7 | 25,368.15 | 43,520.06 | 96,653.74 |
| Scarboro twp..... | 32.00 | 32.00 | 789,544.45 | 2,971.6 | 10,345.42 | 13,991.59 | 38,400.93 |
| Seaforth..... | 35.00 | 35.00 | 134,757.99 | 478.4 | 1,665.52 | 3,232.19 | 6,557.10 |
| Simcoe..... | 30.00 | 30.00 | 409,060.06 | 1,692.6 | 5,892.67 | 8,244.20 | 19,908.25 |
| Springfield..... | 53.00 | 48.00 | 25,402.19 | 62.4 | 217.24 | 696.70 | 1,234.94 |
| Stamford twp..... | 21.00 | 21.00 | 336,840.91 | 1,941.0 | 6,757.46 | 6,712.17 | 16,384.16 |
| Stouffville..... | 46.00 | 45.00 | 68,503.15 | 197.3 | 686.89 | 2,236.64 | 3,329.06 |
| Stratford..... | 30.00 | 30.00 | 1,576,596.57 | 6,600.3 | 22,978.50 | 35,507.54 | 76,716.06 |
| Strathroy..... | 34.00 | 34.00 | 268,563.32 | 1,010.3 | 3,517.29 | 5,709.06 | 13,091.23 |
| Streetsville..... | 40.00 | 40.00 | 30,634.62 | 111.7 | 388.88 | 1,083.98 | 1,484.33 |
| Sutton..... | 55.00 | 52.00 | 76,804.88 | 197.9 | 688.98 | 2,485.26 | 3,744.85 |
| Tavistock..... | 36.00 | 36.00 | 139,092.19 | 492.3 | 1,713.91 | 3,407.40 | 6,664.44 |
| Tecumseh..... | 38.00 | 37.00 | 87,665.27 | 279.8 | 974.10 | 2,235.70 | 4,265.13 |
| Thamesford..... | 40.00 | 40.00 | 41,096.57 | 142.3 | 495.41 | 1,195.80 | 1,999.38 |
| Thamesville..... | 41.00 | 40.00 | 52,786.92 | 185.9 | 647.20 | 1,783.77 | 2,567.92 |
| Thedford..... | 68.00 | 67.00 | 36,036.22 | 71.4 | 248.57 | 1,321.11 | 1,753.24 |
| Thorndale..... | 65.00 | 65.00 | 17,913.78 | 38.7 | 134.73 | 763.35 | 875.53 |
| Thorold..... | 25.00 | 25.00 | 403,110.07 | 2,032.8 | 7,077.05 | 8,557.67 | 19,608.01 |
| Tilbury..... | 38.00 | 38.00 | 155,498.55 | 531.3 | 1,849.68 | 4,549.42 | 7,564.25 |
| Tillsonburg..... | 34.00 | 33.00 | 245,240.33 | 917.8 | 3,195.26 | 5,846.06 | 11,929.37 |
| Toronto..... | 26.10 | 26.10 | 61,711,795.39 | 270,461.9 | 941,594.70 | 1,025,793.31 | 3,001,297.49 |
| Toronto twp..... | 32.00 | 32.00 | 465,004.09 | 1,806.4 | 6,288.86 | 12,365.83 | 21,767.94 |
| Trafalgar twp..... | | | 110,379.40 | 430.5 | 1,498.76 | 2,567.34 | 5,365.72 |
| Wallaceburg..... | 37.00 | 36.00 | 523,781.12 | 1,778.9 | 6,193.12 | 13,526.40 | 25,482.89 |
| Wardsville..... | 62.00 | 62.00 | 13,672.11 | 32.0 | 111.41 | 544.19 | 665.13 |
| Waterdown..... | 32.00 | 32.00 | 52,007.06 | 211.5 | 736.32 | 1,227.05 | 2,529.57 |
| Waterford..... | 32.00 | 32.00 | 92,258.19 | 363.2 | 1,264.46 | 2,058.24 | 4,489.98 |
| Waterloo..... | 27.00 | 27.00 | 693,548.60 | 3,019.6 | 10,512.53 | 14,121.38 | 33,747.28 |
| Watford..... | 54.00 | 50.00 | 86,434.52 | 223.1 | 776.71 | 2,984.99 | 4,208.08 |
| Welland..... | 24.00 | 24.00 | 774,091.86 | 3,793.4 | 13,206.47 | 13,771.25 | 37,644.56 |
| Wellesley..... | 50.00 | 50.00 | 37,483.99 | 96.5 | 335.96 | 1,067.03 | 1,823.82 |
| West Lorne..... | 43.00 | 40.00 | 31,954.91 | 101.6 | 353.71 | 1,142.90 | 1,553.47 |
| Weston..... | 27.00 | 27.00 | 677,106.58 | 3,066.0 | 10,674.07 | 12,798.78 | 32,932.60 |
| Wheatley..... | 53.00 | 53.00 | 55,199.87 | 129.8 | 451.89 | 1,496.32 | 2,684.15 |

SYSTEM

N.—COST OF POWER

Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ending October 31, 1936

| costs and fixed charges | | | | Cost in excess of revenue from power sold to private companies | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality Credited (Charged) |
|---|-----------------------------|--------------------------------------|----------------------------|--|---|---|---|
| Provision for depreciation and obsolescence | Provision for contingencies | Provision for stabilization of rates | Provision for sinking fund | | | | |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 10,659.79 | 5,026.24 | 29,292.00 | 18,054.62 | 1,413.82 | 223,089.29 | 224,571.38 | 1,482.09 |
| 202.76 | 71.96 | 194.40 | 218.34 | 9.38 | 2,527.09 | 2,593.28 | 66.19 |
| 395.84 | 138.21 | 443.40 | 442.93 | 21.40 | 5,323.02 | 5,911.96 | 588.94 |
| 545.25 | 216.09 | 764.10 | 668.21 | 36.88 | 7,969.69 | 8,660.61 | 690.92 |
| 2,752.80 | 1,136.13 | 3,850.20 | 3,429.54 | 185.84 | 43,002.49 | 46,201.50 | 3,199.01 |
| 10,771.06 | 4,733.85 | 20,146.80 | 15,099.38 | 972.42 | 180,449.40 | 188,035.36 | 7,585.96 |
| 16,698.42 | 6,571.28 | 21,860.10 | 20,158.33 | 1,055.12 | 231,885.20 | 241,811.78 | 9,926.58 |
| 6,052.94 | 2,418.11 | 8,914.80 | 8,001.00 | 430.29 | 88,555.08 | 95,090.90 | 6,535.82 |
| 1,177.03 | 424.90 | 1,435.20 | 1,369.22 | 69.27 | 15,930.43 | 16,743.26 | 812.83 |
| 3,193.65 | 1,272.68 | 5,077.80 | 4,132.10 | 245.09 | 47,966.44 | 50,777.09 | 2,810.65 |
| 271.68 | 77.16 | 187.20 | 260.76 | 9.03 | 2,954.71 | 3,068.95 | 114.24 |
| 1,803.29 | 912.17 | 5,823.00 | 3,343.47 | 281.05 | 42,016.77 | 40,760.79 | (1,255.98) |
| 642.19 | 209.06 | 591.90 | 699.92 | 28.57 | 8,424.23 | 8,913.11 | 488.88 |
| 12,000.09 | 5,123.89 | 19,800.90 | 15,914.84 | 955.72 | 188,997.54 | 198,008.00 | 9,010.46 |
| 2,270.46 | 815.50 | 3,030.90 | 2,727.90 | 146.29 | 31,308.63 | 34,348.46 | 3,039.83 |
| 262.47 | 102.32 | 335.10 | 309.59 | 16.18 | 3,982.85 | 4,467.75 | 484.90 |
| 769.20 | 234.47 | 593.70 | 789.84 | 28.65 | 9,334.95 | 10,361.67 | 1,026.72 |
| 1,185.59 | 451.06 | 1,476.90 | 1,391.00 | 71.28 | 16,361.58 | 17,724.27 | 1,362.69 |
| 805.92 | 296.04 | 839.40 | 893.90 | 40.51 | 10,350.70 | 10,398.25 | 47.55 |
| 367.73 | 130.80 | 426.90 | 417.88 | 20.61 | 5,054.51 | 5,691.95 | 637.44 |
| 459.91 | 175.74 | 557.70 | 536.38 | 26.92 | 6,755.54 | 7,473.01 | 717.47 |
| 412.16 | 114.80 | 214.20 | 372.00 | 10.34 | 4,446.42 | 4,793.94 | 347.52 |
| 202.30 | 54.64 | 116.10 | 185.45 | 5.61 | 2,337.71 | 2,516.55 | 178.84 |
| 2,607.86 | 1,163.37 | 6,098.40 | 4,031.62 | 294.34 | 49,438.32 | 50,819.62 | 1,381.30 |
| 1,383.84 | 514.22 | 1,593.90 | 1,581.68 | 76.93 | 19,113.92 | 20,190.93 | 1,077.01 |
| 2,077.64 | 770.24 | 2,753.40 | 2,486.09 | 132.90 | 29,190.96 | 30,455.48 | 1,264.52 |
| 398,675.54 | 178,901.67 | 811,385.70 | 621,345.66 | 39,163.04 | 7,018,157.11 | 7,059,055.77 | 40,898.66 |
| 3,541.19 | 1,436.84 | 5,419.20 | 4,522.73 | 261.58 | 55,604.17 | 57,805.04 | 2,200.87 |
| 914.41 | 378.10 | 1,291.50 | 1,116.37 | 62.33 | 13,194.53 | 11,132.96 | (2,061.57) |
| 4,681.54 | 1,708.73 | 5,336.70 | 5,329.62 | 257.59 | 62,516.59 | 64,383.89 | 1,867.30 |
| 147.95 | 44.41 | 96.00 | 140.61 | 4.63 | 1,754.33 | 1,983.95 | 229.62 |
| 414.60 | 162.89 | 634.50 | 525.41 | 30.62 | 6,260.96 | 6,768.72 | 507.76 |
| 752.53 | 300.26 | 1,089.60 | 933.86 | 52.60 | 10,941.53 | 11,621.40 | 679.87 |
| 5,134.79 | 2,202.70 | 9,058.80 | 6,988.80 | 437.24 | 82,203.52 | 81,529.23 | (674.29) |
| 896.27 | 281.07 | 669.30 | 887.47 | 32.31 | 10,736.20 | 11,304.45 | 568.25 |
| 5,243.07 | 2,393.61 | 11,380.20 | 7,751.54 | 549.28 | 91,939.98 | 91,042.52 | (897.46) |
| 393.89 | 114.90 | 289.50 | 384.66 | 13.97 | 4,423.73 | 4,826.63 | 402.90 |
| 301.39 | 102.61 | 304.80 | 325.61 | 14.71 | 4,099.20 | 4,121.25 | 22.05 |
| 4,742.82 | 2,025.56 | 9,198.00 | 6,807.64 | 443.95 | 79,623.42 | 82,782.63 | 3,159.21 |
| 591.39 | 169.46 | 389.40 | 567.38 | 18.79 | 6,368.78 | 6,881.14 | 512.36 |

NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horsepower supplied in year after correction for power factor | Share of operating | | |
|---|--|------------------|---|---|-------------------------|--|--------------|
| | To Jan. 1, 1936 | To Oct. 31, 1936 | | | Cost of power purchased | Operation, maintenance and administrative expenses | Interest |
| | \$ c. | \$ c. | \$ c. | | \$ c. | \$ c. | \$ c. |
| Windsor..... | | 30.50 | 8,687,215.20 | 34,290.4 | 119,379.71 | 158,735.50 | 422,318.40 |
| Woodbridge..... | 35.00 | 35.00 | 92,170.83 | 339.7 | 1,182.64 | 1,915.99 | 4,483.22 |
| Woodstock..... | 28.00 | 28.00 | 1,147,289.68 | 4,944.8 | 17,214.99 | 25,149.17 | 55,806.62 |
| Wyoming..... | 54.00 | 52.00 | 27,157.43 | 66.4 | 231.17 | 924.44 | 1,321.21 |
| York East twp..... | 32.00 | 32.00 | 1,264,709.71 | 5,514.2 | 19,197.31 | 49,508.98 | 61,508.13 |
| York North twp..... | 32.00 | 32.00 | 787,494.90 | 3,098.1 | 10,785.82 | 21,287.69 | 38,305.49 |
| Zurich..... | 65.00 | 62.00 | 35,074.07 | 72.9 | 253.80 | 938.71 | 1,706.25 |
| Mimico Asylum..... | | | 35,971.07 | 145.2 | 505.50 | 662.77 | 1,749.60 |
| Ont. Reformatory..... | | | 63,983.45 | 267.4 | 930.94 | 1,366.25 | 3,092.13 |
| Prison Brick Yard..... | | | 24,601.61 | 86.6 | 301.49 | 395.66 | 1,196.63 |
| Toronto Transportation Com..... | | | 79,686.49 | 359.8 | 1,252.62 | 1,484.26 | 3,875.73 |
| Sandwich, Windsor & Amherstburg Rly. Co..... | | | 690,435.01 | 2,704.6 | 9,415.88 | 12,319.58 | 33,591.05 |
| Totals—Municipalities..... | | | 144,281,834.71 | 628,716.5 | 2,188,833.75 | 2,725,973.90 | 7,016,113.44 |
| RURAL POWER DISTRICTS | | | | | | | |
| Acton R.P.D.—Erin, Esquesing and Nassagaweya twps..... | | | 2,960.37 | 11.0 | 38.30 | 64.69 | 143.11 |
| Ailsa Craig R.P.D.—Lobo, McGillivray and Williams E. twps..... | | | 2,331.07 | 6.4 | 22.29 | 66.08 | 113.33 |
| Alvinston R.P.D.—Brooke twp... .. | | | 1,868.84 | 3.1 | 10.79 | 54.95 | 90.99 |
| Amherstburg R.P.D.—Anderdon, Colchester N., Colchester S. and Malden twps..... | | | 183,504.39 | 599.3 | 2,086.42 | 4,055.54 | 8,930.58 |
| Aylmer R.P.D.—Bayham, Dereham, Dorchester N., Dorchester S., Malahide and Yarmouth twps..... | | | 95,049.58 | 335.7 | 1,168.72 | 2,015.07 | 4,619.05 |
| Ayr R.P.D.—Blenheim, Dumfries N. and Dumfries S. twps..... | | | 11,456.19 | 45.5 | 158.40 | 355.36 | 557.55 |
| Baden R.P.D.—Blandford, Blenheim, Easthope N., Easthope S., Waterloo, Wellesley, Wilmot and Zorra E. twps..... | | | 125,421.54 | 440.9 | 1,534.96 | 2,282.17 | 5,692.80 |
| Beamsville R.P.D.—Caistor, Clinton, Gainsborough, Grimsby N., Grimsby S., Louth, Pelham and Wainfleet twps..... | | | 300,366.03 | 1,211.5 | 4,217.75 | 7,531.00 | 14,598.71 |
| Belle River R.P.D.—Maidstone and Rochester twps..... | | | 65,508.98 | 222.5 | 774.62 | 1,718.27 | 3,187.60 |
| Blenheim R.P.D.—Raleigh and Harwich twps..... | | | 46,123.06 | 156.0 | 543.11 | 1,165.49 | 2,243.72 |

SYSTEM

N.—COST OF POWER

Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ending October 31, 1936

| costs and fixed charges | | | | Cost in excess of revenue from power sold to private companies | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality Credited (Charged) |
|---|-----------------------------|--------------------------------------|----------------------------|--|---|---|---|
| Provision for depreciation and obsolescence | Provision for contingencies | Provision for stabilization of rates | Provision for sinking fund | | | | |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 67,819.87 | 28,099.13 | 102,871.20 | 87,823.85 | 4,965.23 | 992,012.89 | 1,039,037.63 | 47,024.74 |
| 782.74 | 299.35 | 1,019.10 | 934.85 | 49.19 | 10,667.08 | 11,889.36 | 1,222.28 |
| 8,583.88 | 3,703.27 | 14,834.40 | 11,562.17 | 716.01 | 137,570.51 | 138,454.11 | 883.60 |
| 288.00 | 87.23 | 199.20 | 279.02 | 9.61 | 3,339.88 | 3,480.27 | 140.39 |
| 8,226.09 | 3,671.27 | 16,542.60 | 12,736.74 | 798.46 | 172,189.58 | 176,453.29 | 4,263.71 |
| 5,822.98 | 2,437.00 | 9,294.30 | 7,967.16 | 448.60 | 96,349.04 | 99,137.28 | 2,788.24 |
| 398.64 | 107.17 | 218.70 | 361.67 | 10.56 | 3,995.50 | 4,557.60 | 562.10 |
| 283.18 | 114.78 | 435.60 | 363.51 | 21.03 | 4,135.97 | 4,428.84 | 292.87 |
| 488.85 | 202.75 | 802.20 | 641.33 | 38.72 | 7,563.17 | 7,889.24 | 326.07 |
| 216.12 | 76.33 | 259.80 | 249.95 | 12.54 | 2,708.52 | 2,642.11 | (66.41) |
| 559.99 | 239.49 | 1,079.40 | 801.28 | 52.10 | 9,344.87 | 11,434.66 | 2,089.79 |
| 5,435.92 | 2,230.42 | 8,113.80 | 6,987.86 | 391.62 | 78,486.13 | 78,486.13 | ..... |
| 1,008,885.68 | 436,998.25 | 1,874,886.60 | 1,452,912.15 | 90,494.49 | 16,795,098.26 | 17,111,479.86 | 348,724.62 (32,343.02) |
| 25.01 | 9.57 | 33.00 | 29.82 | 1.59 | 345.09 | 345.09 | see page 213 |
| 23.77 | 7.29 | 19.20 | 23.87 | .93 | 276.76 | 276.76 | " |
| 22.48 | 5.71 | 9.30 | 19.37 | .45 | 214.04 | 214.04 | " |
| 1,663.07 | 609.65 | 1,797.90 | 1,870.30 | 86.77 | 21,100.23 | 21,100.23 | " |
| 837.40 | 308.43 | 1,007.10 | 964.68 | 48.61 | 10,969.06 | 10,969.06 | " |
| 92.73 | 36.72 | 136.50 | 115.92 | 6.59 | 1,459.77 | 1,459.77 | " |
| 985.66 | 382.11 | 1,322.70 | 1,186.07 | 63.85 | 13,450.32 | 13,450.32 | " |
| 2,447.27 | 896.92 | 3,634.50 | 3,032.68 | 175.42 | 36,534.25 | 36,534.25 | " |
| 577.97 | 217.65 | 667.50 | 666.68 | 32.23 | 7,842.52 | 7,842.52 | " |
| 413.32 | 152.83 | 468.00 | 469.33 | 22.59 | 5,478.39 | 5,478.39 | " |

NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

| Rural power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Share of operating | | | |
|---|---|--|-------------------------|--|-----------|--|
| | | | Cost of power purchased | Operation, maintenance and administrative expenses | Interest | |
| | \$ c. | | \$ c. | \$ c. | \$ c. | |
| Bond Lake R.P.D. —King, Markham, Scarboro, Tecumseth, Vaughan, Whitechurch and York N. twps..... | 314,092.99 | 1,086.1 | 3,781.18 | 9,097.74 | 15,273.16 | |
| Bothwell R.P.D. —Aldborough, Ekfrid, Mosa, Orford and Zone twps..... | 66,154.25 | 197.3 | 686.89 | 1,920.37 | 3,218.24 | |
| Brampton R.P.D. —Chinguacousy and Toronto twps..... | 36,801.01 | 153.0 | 532.66 | 1,695.03 | 1,782.10 | |
| Brant R.P.D. —Blenheim, Brantford, Burford, Dumfries S., Oakland, Onondaga and Tuscarora twps..... | 130,431.17 | 556.7 | 1,938.11 | 4,365.51 | 6,347.91 | |
| Brigden R.P.D. —Moore and Sombra twps..... | 24,244.48 | 50.0 | 174.07 | 633.66 | 1,180.44 | |
| Burford R.P.D. —Brantford, Burford, Oakland, Townsend and Windham twps..... | 46,482.25 | 166.6 | 580.01 | 1,015.61 | 2,262.11 | |
| Caledonia R.P.D. —Ancaster, Barton, Binbrook, Caistor, Glanford, Grimsby S., Oneida, Onondaga and Seneca twps..... | 86,207.91 | 349.8 | 1,217.80 | 1,981.86 | 4,194.06 | |
| Chatham R.P.D. —Chatham, Dover, Harwich and Raleigh twps..... | 122,463.74 | 491.1 | 1,709.73 | 3,372.14 | 5,957.11 | |
| Chippawa R.P.D. —Bertie, Crowland and Willoughby twps..... | 22,763.92 | 115.8 | 403.15 | 519.15 | 1,107.25 | |
| Clinton R.P.D. —Goderich, Hay, Hullett, Stanley and Tuckersmith twps.... | 43,161.15 | 132.3 | 460.59 | 1,251.89 | 2,100.12 | |
| Delaware R.P.D. —Caradoc, Delaware, Ekfrid, Lobo, London, Southwold and Westminster twps..... | 87,691.99 | 340.2 | 1,184.39 | 1,974.76 | 4,263.20 | |
| Dorchester R.P.D. —Dorchester N., Dorchester S., London, Nissouri E., Nissouri W., Oxford N., Westminster and Yarmouth twps..... | 95,600.77 | 350.8 | 1,221.28 | 2,121.10 | 4,654.55 | |
| Dresden R.P.D. —Camden, Chatham and Dawn twps..... | 12,828.25 | 39.0 | 135.78 | 347.79 | 624.04 | |
| Drumbo R.P.D. —Blandford, Blenheim and Burford twps..... | 35,029.14 | 99.8 | 347.45 | 892.76 | 1,706.40 | |
| Dundas R.P.D. —Ancaster, Barton, Beverly, Flamboro E., Flamboro W., Glanford and Nelson twps..... | 152,376.18 | 667.6 | 2,324.20 | 2,999.96 | 7,411.65 | |
| Dunnville R.P.D. —Canborough, Dunn and Moulton twps..... | 11,176.33 | 43.6 | 151.79 | 357.09 | 543.73 | |
| Dutton R.P.D. —Aldborough and Dunwich twps..... | 42,348.14 | 139.1 | 484.27 | 1,226.75 | 2,058.68 | |
| Elmira R.P.D. —Peel, Pilkington and Woolwich twps..... | 26,504.72 | 93.7 | 326.22 | 466.80 | 1,289.63 | |

SYSTEM

N.—COST OF POWER

Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ending October 31, 1936

| costs and fixed charges | | | | Cost in excess of revenue from power sold to private companies | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality Credited (Charged) |
|---|-----------------------------|--------------------------------------|----------------------------|--|---|---|---|
| Provision for depreciation and obsolescence | Provision for contingencies | Provision for stabilization of rates | Provision for sinking fund | | | | |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 2,593.96 | 983.96 | 3,258.30 | 3,192.23 | 157.26 | 38,337.79 | 38,337.79 | see page 213 |
| 640.11 | 218.72 | 591.90 | 675.93 | 28.57 | 7,980.73 | 7,980.73 | " |
| 282.11 | 112.83 | 459.00 | 369.73 | 22.15 | 5,255.61 | 5,255.61 | " |
| 988.76 | 420.57 | 1,670.10 | 1,315.79 | 80.61 | 17,127.36 | 17,127.36 | " |
| 274.08 | 79.00 | 150.00 | 250.26 | 7.24 | 2,748.75 | 2,748.75 | " |
| 407.63 | 154.91 | 499.80 | 472.20 | 24.13 | 5,416.40 | 5,416.40 | " |
| 688.94 | 275.86 | 1,049.40 | 871.22 | 50.64 | 10,329.78 | 10,329.78 | " |
| 960.09 | 399.54 | 1,473.30 | 1,238.05 | 71.10 | 15,181.06 | 15,181.06 | " |
| 147.58 | 67.23 | 347.40 | 227.55 | 16.77 | 2,836.08 | 2,836.08 | " |
| 413.93 | 140.31 | 396.90 | 440.72 | 19.15 | 5,223.61 | 5,223.61 | " |
| 719.83 | 281.12 | 1,020.60 | 887.18 | 49.26 | 10,380.34 | 10,380.34 | " |
| 821.95 | 309.88 | 1,052.40 | 970.77 | 50.79 | 11,202.72 | 11,202.72 | " |
| 122.78 | 41.98 | 117.00 | 130.99 | 5.65 | 1,526.01 | 1,526.01 | " |
| 352.49 | 110.15 | 299.40 | 358.91 | 14.45 | 4,082.01 | 4,082.01 | " |
| 1,141.86 | 489.45 | 2,002.80 | 1,534.99 | 96.68 | 18,001.59 | 18,001.59 | " |
| 94.29 | 38.81 | 130.80 | 113.13 | 6.31 | 1,435.95 | 1,435.95 | " |
| 391.61 | 135.60 | 417.30 | 431.04 | 20.14 | 5,165.39 | 5,165.39 | " |
| 234.08 | 87.12 | 281.10 | 269.33 | 13.57 | 2,967.85 | 2,967.85 | " |

NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

| Rural power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Share of operating | | | |
|---|---|--|-------------------------|--|-----------|--|
| | | | Cost of power purchased | Operation, maintenance and administrative expenses | Interest | |
| | \$ c. | | \$ c. | \$ c. | \$ c. | |
| Elora R.P.D.—Garafraxa W., Nichol, Peel and Pilkington twps..... | 33,038.71 | 110.2 | 383.66 | 737.64 | 1,599.24 | |
| Essex R.P.D.—Colchester N., Gosfield N., Gosfield S., Maidstone, Mersea, Rochester and Sandwich S. twps..... | 61,975.10 | 212.6 | 740.15 | 1,372.36 | 3,016.08 | |
| Exeter R.P.D.—Biddulph, Bosanquet, Hay, Hibbert, Stephen, Tuckersmith and Usborne twps..... | 105,874.97 | 307.4 | 1,070.18 | 2,320.52 | 5,155.86 | |
| Forest R.P.D.—Adelaide, Bosanquet, Plympton, Warwick and Williams W. twps..... | 16,994.41 | 43.2 | 150.40 | 477.13 | 826.84 | |
| Galt R.P.D.—Beverly, Dumfries N., Dumfries S. and Puslinch twps..... | 47,673.00 | 204.9 | 713.35 | 2,352.40 | 2,319.44 | |
| Georgetown R.P.D.—Chinuacousy, Erin and Esquesing twps..... | 42,260.68 | 146.6 | 510.38 | 928.89 | 2,045.21 | |
| Goderich R.P.D.—Ashfield, Colborne, Goderich and Wawanosh W. twps..... | 43,817.78 | 105.2 | 366.25 | 1,008.97 | 2,132.01 | |
| Grantham R.P.D.—Grantham and Niagara twps..... | 129,923.24 | 569.7 | 1,983.39 | 4,447.06 | 6,323.41 | |
| Guelph R.P.D.—Eramosa, Erin, Flamboro E., Guelph, Nassagaweya and Puslinch twps..... | 120,712.21 | 476.1 | 1,657.51 | 2,888.21 | 5,869.07 | |
| Haldimand R.P.D.—Cayuga N., Cayuga S., Oneida, Rainham, Seneca and Walpole twps..... | 78,516.23 | 233.6 | 813.26 | 1,715.27 | 3,824.21 | |
| Harriston R.P.D.—Howick and Minto twps..... | 6,612.02 | 18.5 | 64.41 | 162.68 | 321.80 | |
| Harrow R.P.D.—Colchester N., Colchester S., Gosfield S. and Malden twps..... | 133,752.24 | 428.3 | 1,491.09 | 3,339.60 | 6,509.53 | |
| Ingersoll R.P.D.—Dereham, Dorchester N., Nissouri E., Oxford N., Oxford W., Zorra E. and Zorra W. twps..... | 126,870.72 | 450.2 | 1,567.33 | 3,003.93 | 6,175.60 | |
| Jordan R.P.D.—Grantham, Louth, Pelham and Thorold twps..... | 78,869.44 | 352.2 | 1,226.16 | 1,491.62 | 3,833.29 | |
| Keswick R.P.D.—Georgina, Gwillimbury E., Gwillimbury N. twps..... | 169,418.17 | 494.8 | 1,722.61 | 5,475.74 | 8,241.69 | |
| Kingsville R.P.D.—Gosfield N., Gosfield S., Mersea and Romney twps..... | 216,918.06 | 703.5 | 2,449.19 | 4,764.90 | 10,551.66 | |
| Listowel R.P.D.—Elma, Grey, Maryborough, Mornington, Peel, Wallace and Wellesley twps..... | 54,670.27 | 193.4 | 673.31 | 1,450.02 | 2,660.27 | |
| London R.P.D.—Delaware, Lobo, London, Nissouri W. and Westminster twps..... | 447,030.63 | 1,771.5 | 6,167.36 | 10,650.79 | 21,740.67 | |

SYSTEM

N.—COST OF POWER

Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ending October 31, 1936

| costs and fixed charges | | | | Cost in excess of revenue from power sold to private companies | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality Credited (Charged) |
|---|-----------------------------|--------------------------------------|----------------------------|--|---|---|---|
| Provision for depreciation and obsolescence | Provision for contingencies | Provision for stabilization of rates | Provision for sinking fund | | | | |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 301.50 | 107.30 | 330.60 | 334.62 | 15.96 | 3,810.52 | 3,810.52 | see page 213 |
| 543.10 | 206.64 | 637.80 | 630.58 | 30.78 | 7,177.49 | 7,177.49 | " |
| 1,052.30 | 335.73 | 922.20 | 1,083.80 | 44.51 | 11,985.10 | 11,985.10 | " |
| 177.26 | 55.32 | 129.60 | 174.46 | 6.25 | 1,997.26 | 1,997.26 | " |
| 358.35 | 152.27 | 614.70 | 480.61 | 29.67 | 7,020.79 | 7,020.79 | " |
| 375.92 | 134.08 | 439.80 | 427.35 | 21.23 | 4,882.86 | 4,882.86 | " |
| 471.60 | 151.15 | 315.60 | 450.46 | 15.23 | 4,911.27 | 4,911.27 | " |
| 988.89 | 396.65 | 1,709.10 | 1,309.12 | 82.50 | 17,240.12 | 17,240.12 | " |
| 982.51 | 401.18 | 1,428.30 | 1,220.55 | 68.93 | 14,516.26 | 14,516.26 | " |
| 775.53 | 243.18 | 700.80 | 803.28 | 33.82 | 8,909.35 | 8,909.35 | " |
| 66.55 | 21.20 | 55.50 | 67.71 | 2.68 | 762.53 | 762.53 | " |
| 1,227.75 | 442.11 | 1,284.90 | 1,364.16 | 62.01 | 15,721.15 | 15,721.15 | " |
| 1,118.43 | 415.40 | 1,350.60 | 1,289.60 | 65.18 | 14,986.07 | 14,986.07 | " |
| 586.27 | 244.66 | 1,056.60 | 792.89 | 51.00 | 9,282.49 | 9,282.49 | " |
| 1,577.49 | 524.29 | 1,484.40 | 1,732.11 | 71.64 | 20,829.97 | 20,829.97 | " |
| 1,973.27 | 715.58 | 2,110.50 | 2,210.27 | 101.86 | 24,877.23 | 24,877.23 | " |
| 478.76 | 179.83 | 580.20 | 555.58 | 28.00 | 6,605.97 | 6,605.97 | " |
| 3,606.82 | 1,473.00 | 5,314.50 | 4,520.47 | 256.52 | 53,730.13 | 53,730.13 | see page 215 |

NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

| Rural power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Share of operating | | |
|--|---|--|-------------------------|--|-----------|
| | | | Cost of power purchased | Operation, maintenance and administrative expenses | Interest |
| | \$ c. | | \$ c. | \$ c. | \$ c. |
| Lucan R.P.D.—Biddulph, Blanshard, London, McGillivray and Stephen twps..... | 16,861.77 | 60.9 | 212.03 | 400.71 | 827.01 |
| Lynden R.P.D.—Ancaster, Beverly, Brantford and Dumfries S. twps..... | 50,482.51 | 181.7 | 632.57 | 1,244.88 | 2,455.57 |
| Markham R.P.D.—Markham, Pickering, Scarboro, Uxbridge and Whitchurch twps..... | 142,063.45 | 489.1 | 1,702.77 | 3,975.22 | 6,902.41 |
| Merlin R.P.D.—Raleigh, Romney and Tilbury E. twps..... | 70,451.99 | 204.9 | 713.35 | 1,612.65 | 3,427.23 |
| Milton R.P.D.—Esquesing, Nassagaweya, Nelson and Trafalgar twps..... | 48,541.66 | 171.8 | 598.11 | 1,697.10 | 2,352.25 |
| Milverton R.P.D.—Ellice, Elma, Mornington and Wellesley twps..... | 26,324.64 | 91.0 | 316.81 | 657.92 | 1,280.07 |
| Mitchell R.P.D.—Downie, Ellice, Elma, Fullarton, Hibbert, Logan and McKillop twps..... | 57,734.30 | 203.8 | 709.52 | 1,523.06 | 2,810.23 |
| Newmarket R.P.D.—Georgina, Gwillimbury E., King, Scott, Uxbridge and Whitchurch twps..... | 76,186.43 | 265.0 | 922.58 | 2,178.49 | 3,701.57 |
| Niagara R.P.D.—Niagara and Stamford twps..... | 99,257.78 | 524.7 | 1,826.70 | 2,777.02 | 4,828.09 |
| Norwich R.P.D.—Burford, Dereham, Middleton, Norwich N., Norwich S., Oxford E. and Windham twps..... | 87,097.34 | 315.4 | 1,098.04 | 2,052.02 | 4,236.67 |
| Oil Springs R.P.D.—Brooke, Dawn, Enniskillen and Euphemia twps..... | 13,671.67 | 40.2 | 139.96 | 374.51 | 668.03 |
| Palmerston R.P.D.—Arthur, Maryborough, Minto, Peel and Wallace twps..... | 16,320.46 | 53.7 | 186.95 | 451.94 | 794.41 |
| Petrolia R.P.D.—Enniskillen, Moore, Plympton and Sarnia twps..... | 9,395.74 | 29.7 | 103.40 | 234.68 | 457.10 |
| Preston R.P.D.—Dumfries N., Guelph, Puslinch, Waterloo and Woolwich twps..... | 226,703.27 | 911.5 | 3,173.33 | 4,537.96 | 11,030.09 |
| Ridgetown R.P.D.—Aldborough, Harwich, Howard and Orford twps and Rondeau Park..... | 101,951.92 | 301.4 | 1,049.31 | 3,023.32 | 4,957.33 |
| St. Jacobs R.P.D.—Peel, Waterloo, Wellesley and Woolwich twps..... | 62,959.99 | 238.9 | 831.72 | 1,370.72 | 3,054.97 |
| St. Marys R.P.D.—Blanshard, Downie, Fullarton, Nissouri E., Nissouri W. and Osborne twps..... | 78,914.36 | 256.5 | 892.99 | 2,116.37 | 3,840.81 |
| St. Thomas R.P.D.—Dunwich, Southwold, Westminster and Yarmouth twps..... | 179,017.77 | 721.7 | 2,512.55 | 4,173.74 | 8,700.63 |
| Saltfleet R.P.D.—Barton, Binbrook, Grimsby N. and Saltfleet twps..... | 270,963.57 | 1,018.4 | 3,545.48 | 5,907.62 | 12,851.08 |

SYSTEM

N.—COST OF POWER

Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ending October 31, 1936

| costs and fixed charges | | | | Cost in excess of revenue from power sold to private companies | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality Credited (Charged) |
|---|-----------------------------|--------------------------------------|----------------------------|--|---|---|---|
| Provision for depreciation and obsolescence | Provision for contingencies | Provision for stabilization of rates | Provision for sinking fund | | | | |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 148.55 | 54.75 | 182.70 | 172.64 | 8.82 | 2,007.21 | 2,007.21 | see page 215 |
| 443.28 | 157.90 | 545.10 | 512.50 | 26.30 | 6,018.10 | 6,018.10 | " |
| 1,175.68 | 440.94 | 1,467.30 | 1,442.86 | 70.82 | 17,178.00 | 17,178.00 | " |
| 690.92 | 233.11 | 614.70 | 720.37 | 29.67 | 8,042.00 | 8,042.00 | " |
| 425.05 | 145.32 | 515.40 | 491.16 | 24.88 | 6,249.27 | 6,249.27 | " |
| 234.01 | 88.75 | 273.00 | 267.55 | 13.18 | 3,131.29 | 3,131.29 | " |
| 506.62 | 196.08 | 611.40 | 586.94 | 29.51 | 6,973.36 | 6,973.36 | " |
| 625.21 | 238.92 | 795.00 | 773.46 | 38.37 | 9,273.60 | 9,273.60 | " |
| 610.50 | 280.29 | 1,574.10 | 990.19 | 76.01 | 12,962.90 | 12,962.90 | " |
| 756.27 | 285.68 | 946.20 | 884.02 | 45.66 | 10,304.56 | 10,304.56 | " |
| 133.75 | 47.68 | 120.60 | 140.38 | 5.82 | 1,630.73 | 1,630.73 | " |
| 150.12 | 53.55 | 161.10 | 166.33 | 7.78 | 1,972.18 | 1,972.18 | " |
| 87.53 | 31.38 | 89.10 | 95.84 | 4.30 | 1,103.33 | 1,103.33 | " |
| 1,812.59 | 755.45 | 2,734.50 | 2,292.12 | 131.97 | 26,468.01 | 26,468.01 | " |
| 990.45 | 332.66 | 904.20 | 1,041.46 | 43.64 | 12,342.37 | 12,342.37 | " |
| 524.95 | 204.88 | 716.70 | 636.26 | 34.59 | 7,374.79 | 7,374.79 | " |
| 720.36 | 280.50 | 769.50 | 804.50 | 37.13 | 9,462.16 | 9,462.16 | " |
| 1,421.16 | 588.78 | 2,165.10 | 1,807.76 | 104.49 | 21,474.21 | 21,474.21 | " |
| 2,229.82 | 866.65 | 3,055.20 | 2,676.31 | 147.46 | 31,279.62 | 31,279.62 | " |

NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

| Rural power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Share of operating | | | |
|--|---|--|-------------------------|--|-----------|--|
| | | | Cost of power purchased | Operation, maintenance and administrative expenses | Interest | |
| | \$ c. | | \$ c. | \$ c. | \$ c. | |
| Sandwich R.P.D. —Anderton, Colchester N., Maidstone, Sandwich E., Sandwich S. and Sandwich W. twps..... | 266,485.45 | 988.3 | 3,440.70 | 5,371.18 | 12,965.08 | |
| Sarnia R.P.D. —Moore, Plympton and Sarnia twps..... | 183,664.72 | 611.2 | 2,127.85 | 4,598.61 | 8,935.40 | |
| Scarboro R.P.D. —Pickering, Scarboro and York N. twps..... | 121,855.41 | 428.4 | 1,491.45 | 2,198.72 | 5,926.77 | |
| Seaforth R.P.D. —Hibbert, Hullett, McKillop and Tuckersmith twps..... | 18,609.89 | 63.3 | 220.37 | 423.44 | 905.56 | |
| Simcoe R.P.D. —Charlotteville, Townsend, Walpole, Windham and Woodhouse twps..... | 67,789.00 | 271.1 | 943.81 | 2,095.37 | 3,297.29 | |
| Stamford R.P.D. —Stamford and Thorold twps..... | 33,534.31 | 162.0 | 563.99 | 639.88 | 1,631.19 | |
| Stratford R.P.D. —Downie, Easthope N., Easthope S. and Ellice twps..... | 46,127.09 | 191.6 | 667.04 | 1,107.96 | 2,244.50 | |
| Strathroy R.P.D. —Adelaide, Caradoc, Ekfrid, Lobo, Metcalfe and Williams E. twps..... | 33,671.83 | 113.3 | 394.44 | 987.43 | 1,640.76 | |
| Streetsville R.P.D. —Chinguacousy, Esquesing, Toronto and Trafalgar twps..... | 100,351.00 | 365.9 | 1,273.86 | 2,594.87 | 4,862.29 | |
| Tavistock R.P.D. —Easthope N., Easthope S., Ellice and Zorra E. twps..... | 57,324.19 | 203.0 | 706.73 | 1,344.07 | 2,746.77 | |
| Thamesville R.P.D. —Camden, Chatham, Euphemia, Harwich, Howard, Orford and Zone twps..... | 34,244.77 | 120.6 | 419.86 | 954.74 | 1,665.90 | |
| Tilbury R.P.D. —Dover, Mersea, Rochester, Romney, Tilbury E., Tilbury N. and Tilbury W. twps..... | 56,445.03 | 190.7 | 663.91 | 1,466.49 | 2,745.76 | |
| Tillsonburg R.P.D. —Bayham, Dereham, Dorchester S., Houghton, Malahide, Middleton, Norwich N., Norwich S. and Walsingham N. twps..... | 111,092.53 | 386.5 | 1,345.57 | 2,908.47 | 5,342.51 | |
| Wallaceburg R.P.D. —Chatham, Dover and Sombra twps..... | 65,596.65 | 218.7 | 761.39 | 1,913.30 | 3,191.29 | |
| Walsingham R.P.D. —Charlotteville, Houghton, Middleton, Walsingham N., Walsingham S. and Windham twps..... | 102,850.79 | 294.0 | 1,023.54 | 2,164.23 | 4,983.23 | |
| Walton R.P.D. —Grey, Hullett, McKillop, Morris, Wawanosh E. and Wawanosh W. twps..... | 41,592.22 | 112.3 | 390.96 | 981.24 | 2,023.76 | |
| Waterdown R.P.D. —Flamboro E., Flamboro W. and Nelson twps..... | 287,241.95 | 1,081.7 | 3,765.87 | 6,355.36 | 14,215.77 | |
| Waterford R.P.D. —Townsend and Windham twps..... | 61,369.99 | 241.6 | 841.11 | 1,410.81 | 2,986.71 | |

SYSTEM

N.—COST OF POWER

Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ending October 31, 1936

| costs and fixed charges | | | | Cost in excess of revenue from power sold to private companies | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality Credited (Charged) |
|---|-----------------------------|--------------------------------------|----------------------------|--|---|---|---|
| Provision for depreciation and obsolescence | Provision for contingencies | Provision for stabilization of rates | Provision for sinking fund | | | | |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 2,199.25 | 891.51 | 2,964.90 | 2,702.91 | 143.12 | 30,678.65 | 30,678.65 | see page 215 |
| 1,656.00 | 626.56 | 1,833.60 | 1,870.12 | 88.49 | 21,736.63 | 21,736.63 | " |
| 993.08 | 368.62 | 1,285.20 | 1,238.02 | 62.03 | 13,563.89 | 13,563.89 | " |
| 167.44 | 60.25 | 189.90 | 189.39 | 9.16 | 2,165.51 | 2,165.51 | " |
| 545.01 | 214.30 | 813.30 | 685.35 | 39.25 | 8,633.68 | 8,633.68 | " |
| 228.97 | 102.46 | 486.00 | 336.13 | 23.46 | 4,012.08 | 4,012.08 | " |
| 353.75 | 150.54 | 574.80 | 465.78 | 27.74 | 5,592.11 | 5,592.11 | " |
| 307.84 | 109.27 | 339.90 | 343.29 | 16.40 | 4,139.33 | 4,139.33 | " |
| 859.78 | 335.18 | 1,097.70 | 1,014.16 | 52.98 | 12,090.82 | 12,090.82 | " |
| 488.48 | 185.92 | 609.00 | 573.30 | 29.38 | 6,683.65 | 6,683.65 | " |
| 298.36 | 114.01 | 361.80 | 347.97 | 17.46 | 4,180.10 | 4,180.10 | " |
| 506.18 | 186.24 | 572.10 | 574.36 | 27.61 | 6,742.65 | 6,742.65 | " |
| 973.25 | 357.05 | 1,159.50 | 1,115.94 | 55.94 | 13,258.23 | 13,258.23 | " |
| 593.55 | 218.50 | 656.10 | 667.85 | 31.66 | 8,033.64 | 8,033.64 | " |
| 1,024.96 | 320.42 | 882.00 | 1,047.84 | 42.57 | 11,488.79 | 11,488.79 | " |
| 425.69 | 132.48 | 336.90 | 426.28 | 16.26 | 4,733.57 | 4,733.57 | " |
| 2,490.38 | 959.10 | 3,245.10 | 2,962.34 | 156.62 | 34,150.54 | 34,150.54 | " |
| 500.57 | 199.74 | 724.80 | 621.20 | 34.98 | 7,319.92 | 7,319.92 | " |

NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power

| Rural power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Share of operating | | |
|---|---|--|-------------------------|--|--------------|
| | | | Cost of power purchased | Operation, maintenance and administrative expenses | Interest |
| | \$ c. | | \$ c. | \$ c. | \$ c. |
| Watford R.P.D. —Adelaide, Metcalfe and Warwick twps..... | 9,604.43 | 25.8 | 89.82 | 263.83 | 467.66 |
| Welland R.P.D. —Bertie, Crowland, Humberstone, Moulton, Pelham, Thorold, Wainfleet and Willoughby twps..... | 273,263.01 | 1,242.7 | 4,326.38 | 7,715.23 | 13,290.56 |
| Woodbridge R.P.D. —Albion, Chinguacousy, Etobicoke, King, Toronto, Toronto Gore, Vaughan and York N. twps..... | 171,572.48 | 620.2 | 2,159.18 | 3,569.34 | 8,350.14 |
| Woodstock R.P.D. —Blandford, Blenheim, Burford, Oxford E., Oxford N., Oxford W., Zorra E. and Zorra W. twps..... | 157,874.55 | 631.5 | 2,198.52 | 3,793.01 | 7,679.48 |
| Totals—Rural power districts.... | 8,042,938.23 | 29,571.0 | 102,949.44 | 199,303.83 | 390,571.63 |
| Totals—Municipalities..... | 144,281,834.71 | 628,716.5 | 2,188,833.75 | 2,725,973.90 | 7,016,113.44 |
| Totals—Rural power districts..... | 8,042,938.23 | 29,571.0 | 102,949.44 | 199,303.83 | 390,571.63 |
| Totals—Companies..... | 46,206,189.49 | 230,240.1 | 801,565.52 | 987,366.14 | 2,250,363.25 |
| Totals—Local distribution system..... | 1,359,087.68 | 5,026.5 | 17,499.43 | 80,263.28 | 74,151.20 |
| | 199,890,050.11 | | | | |
| Non-operating capital..... | 114,275.02 | | | | |
| Grand Totals..... | 200,004,325.13 | 893,554.1 | 3,110,848.14 | 3,992,907.15 | 9,731,199.52 |

SYSTEM

N.—COST OF POWER

Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ending October 31, 1936

| costs and fixed charges | | | | Cost in excess of revenue from power sold to private companies | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality Credited (Charged) |
|---|-----------------------------|--------------------------------------|----------------------------|--|---|---|---|
| Provision for depreciation and obsolescence | Provision for contingencies | Provision for stabilization of rates | Provision for sinking fund | | | | |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 98.00 | 31.22 | 77.40 | 98.52 | 3.74 | 1,130.19 | 1,130.19 | see page 215 |
| 2,003.78 | 844.04 | 3,728.10 | 2,746.79 | 179.94 | 34,834.82 | 34,834.82 | " |
| 1,479.95 | 540.39 | 1,860.60 | 1,742.49 | 89.81 | 19,791.90 | 19,791.90 | " |
| 1,266.56 | 529.72 | 1,894.50 | 1,596.16 | 91.44 | 19,049.39 | 19,049.39 | " |
| 68,174.71 | 25,934.28 | 88,713.00 | 81,445.20 | 4,281.71 | 961,373.80 | 961,373.80 | |
| 1,008,885.68 | 436,998.25 | 1,874,886.60 | 1,452,912.15 | 90,494.49 | 16,795,098.26 | 17,111,479.86 | 348,724.62 (32,343.02) |
| 68,174.71 | 25,934.28 | 88,713.00 | 81,445.20 | 4,281.71 | 961,373.80 | 961,373.80 | |
| 294,195.92 | 135,315.97 | | 488,121.14 | (106,591.57) | 4,850,336.37 | 4,850,336.37 | |
| 13,131.81 | 6,025.99 | | 11,416.28 | 11,815.37 | 214,303.36 | 214,303.36 | |
| 1,384,388.12 | 604,274.49 | 1,963,599.60 | 2,033,894.77 | | 22,821,111.79 | 23,137,493.39 | 348,724.62 (32,343.02) |

NIAGARA SYSTEM—

Statement showing the costs of distribution of power within each Rural Power and the amounts remaining to be credited to certain Districts or charged (by annual adjustment) of the actual costs

| Rural power district | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power delivered to districts as shown in "cost of power" table preceding | Cost of operation maintenance and administration |
|----------------------|---|------------------|-------------------------|--|--|
| | Total capital cost | Government grant | Commission's investment | | |
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Acton R.P.D. | 17,663.98 | 8,831.99 | 8,831.99 | 345.09 | 527.99 |
| Ailsa Craig R.P.D. | 9,518.72 | 4,759.36 | 4,759.36 | 276.76 | 215.44 |
| Alvinston R.P.D. | 5,607.16 | 2,803.58 | 2,803.58 | 214.04 | 24.61 |
| Amherstburg R.P.D. | 157,532.35 | 78,680.67 | 78,851.68 | 21,100.23 | 4,492.78 |
| Aylmer R.P.D. | *223,432.14 | 109,604.04 | 113,828.10 | 10,969.06 | 5,894.97 |
| Ayr R.P.D. | *48,856.75 | 24,248.21 | 24,608.54 | 1,459.77 | 1,016.93 |
| Baden R.P.D. | *208,561.18 | 103,668.41 | 104,892.77 | 13,450.32 | 5,182.87 |
| Beamsville R.P.D. | 400,646.59 | 194,366.72 | 206,279.87 | 36,534.25 | 14,557.66 |
| Belle River R.P.D. | 94,117.23 | 47,058.62 | 47,058.61 | 7,842.52 | 3,577.80 |
| Blenheim R.P.D. | *120,351.70 | 58,878.33 | 61,473.37 | 5,478.39 | 3,512.47 |
| Bond Lake R.P.D. | 391,193.05 | 195,596.52 | 195,596.53 | 38,337.79 | 14,070.37 |
| Bothwell R.P.D. | *66,766.38 | 32,719.14 | 34,047.24 | 7,980.73 | 2,917.05 |
| Brampton R.P.D. | 95,921.60 | 47,960.80 | 47,960.80 | 5,255.61 | 2,600.28 |
| Brant R.P.D. | *261,603.75 | 129,582.45 | 132,021.30 | 17,127.36 | 5,706.70 |
| Brigden R.P.D. | 56,395.69 | 28,197.85 | 28,197.84 | 2,748.75 | 1,341.74 |
| Burford R.P.D. | 105,386.37 | 52,693.19 | 52,693.18 | 5,416.40 | 2,968.09 |
| Caledonia R.P.D. | 227,116.72 | 113,312.43 | 113,804.29 | 10,329.78 | 5,896.42 |
| Chatham R.P.D. | 278,589.06 | 138,993.35 | 139,595.71 | 15,181.06 | 9,399.29 |
| Chippawa R.P.D. | 67,306.96 | 33,650.60 | 33,656.36 | 2,836.08 | 2,839.76 |
| Clinton R.P.D. | 131,306.94 | 64,594.00 | 66,712.94 | 5,223.61 | 4,477.51 |
| Delaware R.P.D. | *245,582.15 | 121,767.51 | 123,814.64 | 10,380.34 | 7,513.95 |
| Dorchester R.P.D. | *222,973.53 | 110,277.79 | 112,695.74 | 11,202.72 | 6,662.88 |
| Dresden R.P.D. | 40,408.91 | 20,204.46 | 20,204.45 | 1,526.01 | 615.07 |
| Drumbo R.P.D. | *112,142.51 | 55,285.47 | 56,857.04 | 4,082.01 | 3,332.05 |
| Dundas R.P.D. | 288,865.62 | 140,972.52 | 147,893.10 | 18,001.59 | 7,958.69 |
| Dunnville R.P.D. | 50,228.43 | 25,114.22 | 25,114.21 | 1,435.95 | 1,189.64 |
| Dutton R.P.D. | *81,436.52 | 40,587.52 | 40,849.00 | 5,165.39 | 3,670.84 |
| Elmira R.P.D. | 37,865.24 | 18,932.62 | 18,932.62 | 2,967.85 | 1,114.12 |
| Elora R.P.D. | 93,770.35 | 46,666.27 | 47,104.08 | 3,810.52 | 3,223.95 |
| Essex R.P.D. | *152,118.25 | 75,085.68 | 77,032.57 | 7,177.49 | 4,005.77 |
| Exeter R.P.D. | *158,493.32 | 78,393.12 | 80,100.20 | 11,985.10 | 5,975.53 |
| Forest R.P.D. | *77,685.21 | 37,908.75 | 39,776.46 | 1,997.26 | 1,656.66 |
| Galt R.P.D. | 86,110.69 | 43,055.35 | 43,055.34 | 7,020.79 | 4,245.92 |
| Georgetown R.P.D. | 110,848.01 | 55,424.01 | 55,424.00 | 4,882.86 | 3,390.42 |
| Goderich R.P.D. | 79,696.46 | 39,570.78 | 40,125.68 | 4,911.27 | 2,465.51 |
| Grantham R.P.D. | 149,235.28 | 72,237.64 | 76,997.64 | 17,240.12 | 8,561.63 |
| Guelph R.P.D. | 208,193.81 | 104,070.46 | 104,123.35 | 14,516.26 | 6,272.96 |
| Haldimand R.P.D. | *153,541.29 | 74,556.76 | 78,984.53 | 8,909.35 | 4,550.83 |
| Harriston R.P.D. | *33,889.60 | 16,664.64 | 17,224.96 | 762.53 | 1,293.68 |
| Harrow R.P.D. | 148,329.36 | 74,164.68 | 74,164.68 | 15,721.15 | 4,952.12 |
| Ingersoll R.P.D. | 305,585.66 | 152,792.83 | 152,792.83 | 14,986.07 | 8,315.95 |
| Jordan R.P.D. | 113,226.56 | 56,409.85 | 56,816.71 | 9,282.49 | 4,401.35 |
| Keswick R.P.D. | 190,008.65 | 92,426.88 | 97,581.77 | 20,829.97 | 6,983.54 |
| Kingsville R.P.D. | *313,628.44 | 154,277.53 | 159,350.91 | 24,877.23 | 11,463.77 |
| Listowel R.P.D. | 125,549.51 | 62,774.76 | 62,774.75 | 6,605.97 | 5,254.42 |

Note—Items marked * include portions of transmission lines aggregating \$49,191.24 used for purposes of rural power districts.

RURAL POWER DISTRICTS

N.—RURAL OPERATING

District, the revenue collected from (or charged to) customers within each District, to the Municipalities comprising certain other Districts upon ascertainment in the year ending October 31, 1936

| Interest | Provision for depreciation and obsolescence | Sinking fund | Total cost | Revenue from power and light customers in each district | Amounts remaining to be credited to certain districts or charged to the municipalities comprising certain other districts | |
|----------|---|--------------|------------|---|---|----------|
| | | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 400.43 | 288.06 | 86.66 | 1,648.23 | 1,686.44 | 38.21 | |
| 231.56 | 166.58 | 50.12 | 940.46 | 837.04 | | 103.42 |
| 136.40 | 98.12 | 29.52 | 502.69 | 411.01 | | 91.68 |
| 3,620.37 | 2,601.42 | 783.55 | 32,598.35 | 34,149.37 | 1,551.02 | |
| 5,274.29 | 3,720.27 | 1,141.51 | 27,000.10 | 31,343.71 | 4,343.61 | |
| 1,103.89 | 789.54 | 238.91 | 4,609.04 | 4,562.11 | | 46.93 |
| 4,722.49 | 3,375.82 | 1,022.08 | 27,753.58 | 25,565.89 | | 2,187.69 |
| 9,786.61 | 6,719.86 | 2,118.11 | 69,716.49 | 77,714.95 | 7,998.46 | |
| 2,176.90 | 1,566.01 | 471.15 | 15,634.38 | 15,825.71 | 191.33 | |
| 2,831.49 | 1,991.50 | 612.81 | 14,426.66 | 17,266.98 | 2,840.32 | |
| 9,220.18 | 6,632.78 | 1,995.52 | 70,256.64 | 74,929.82 | 4,673.18 | |
| 1,585.63 | 1,117.42 | 343.18 | 13,944.01 | 15,032.47 | 1,088.46 | |
| 2,106.80 | 1,515.58 | 455.97 | 11,934.24 | 10,141.61 | | 1,792.63 |
| 6,269.43 | 4,467.41 | 1,356.89 | 34,927.79 | 34,130.24 | | 797.55 |
| 1,358.44 | 977.23 | 294.01 | 6,720.17 | 5,778.07 | | 942.10 |
| 2,509.73 | 1,805.44 | 543.18 | 13,242.84 | 13,018.43 | | 224.41 |
| 5,345.51 | 3,836.83 | 1,156.93 | 26,565.47 | 27,594.93 | 1,029.46 | |
| 6,675.20 | 4,791.44 | 1,444.71 | 37,491.70 | 38,226.41 | 734.71 | |
| 1,562.00 | 1,123.57 | 338.07 | 8,699.48 | 8,103.31 | | 596.17 |
| 3,219.81 | 2,279.20 | 696.87 | 15,897.00 | 15,345.97 | | 551.03 |
| 5,957.96 | 4,250.19 | 1,289.47 | 29,391.91 | 31,266.53 | 1,874.62 | |
| 5,306.73 | 3,775.04 | 1,148.54 | 28,095.91 | 30,591.07 | 2,495.16 | |
| 964.49 | 693.83 | 208.74 | 4,008.14 | 4,255.60 | 247.46 | |
| 2,721.65 | 1,930.39 | 589.05 | 12,655.15 | 12,495.44 | | 159.71 |
| 6,770.80 | 4,637.64 | 1,465.40 | 38,834.12 | 42,719.34 | 3,885.22 | |
| 1,157.91 | 832.97 | 250.60 | 4,867.07 | 3,965.10 | | 901.97 |
| 1,912.21 | 1,371.03 | 413.86 | 12,533.33 | 10,411.29 | | 2,122.04 |
| 911.01 | 655.36 | 197.17 | 5,845.51 | 5,871.28 | 25.77 | |
| 2,216.03 | 1,586.49 | 479.61 | 11,316.60 | 10,755.09 | | 561.51 |
| 3,602.22 | 2,557.29 | 779.63 | 18,122.40 | 20,916.56 | 2,794.16 | |
| 3,839.77 | 2,732.37 | 831.04 | 25,363.81 | 27,794.80 | 2,430.99 | |
| 1,845.32 | 1,294.79 | 399.38 | 7,193.41 | 8,209.08 | 1,015.67 | |
| 2,082.00 | 1,497.74 | 450.61 | 15,297.06 | 13,519.17 | | 1,777.89 |
| 2,643.29 | 1,901.52 | 572.09 | 13,390.18 | 12,346.36 | | 1,043.82 |
| 1,922.94 | 1,373.95 | 416.18 | 11,089.85 | 9,221.40 | | 1,868.45 |
| 3,674.27 | 2,476.58 | 795.22 | 32,747.82 | 34,320.37 | 1,572.55 | |
| 4,893.48 | 3,519.33 | 1,059.10 | 30,261.13 | 28,788.28 | | 1,472.85 |
| 3,484.35 | 2,429.86 | 754.12 | 20,128.51 | 18,635.37 | | 1,493.14 |
| 825.34 | 583.92 | 178.63 | 3,644.10 | 2,734.12 | | 909.98 |
| 3,509.71 | 2,524.80 | 759.60 | 27,467.38 | 28,641.14 | 1,173.76 | |
| 7,378.87 | 5,308.18 | 1,597.00 | 37,586.07 | 34,333.80 | | 3,252.27 |
| 2,744.27 | 1,967.04 | 593.94 | 18,989.09 | 18,990.69 | 1.60 | |
| 4,551.02 | 3,183.68 | 984.97 | 36,533.18 | 36,413.30 | | 119.88 |
| 7,600.59 | 5,378.90 | 1,644.99 | 50,965.48 | 54,159.85 | 3,194.37 | |
| 3,036.48 | 2,184.38 | 657.18 | 17,738.43 | 15,952.37 | | 1,786.06 |

Note—For townships included in rural power districts see "Cost of power" statement preceding.

NIAGARA SYSTEM—

Statement showing the costs of distribution of power within each Rural Power
and the amounts remaining to be credited to certain Districts or charged
(by annual adjustment) of the actual costs

| Rural power district | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power delivered to districts as shown in "cost of power" table preceding | Cost of operation maintenance and administration |
|----------------------------|---|------------------|-------------------------|--|--|
| | Total capital cost | Government grant | Commission's investment | | |
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| London R.P.D..... | *498,865.06 | 248,818.02 | 250,047.04 | 53,730.13 | 22,214.71 |
| Lucan R.P.D..... | *70,729.75 | 35,019.35 | 35,710.40 | 2,007.21 | 1,321.30 |
| Lynden R.P.D..... | 112,372.12 | 55,743.61 | 56,628.51 | 6,018.10 | 3,124.20 |
| Markham R.P.D..... | *274,246.43 | 137,041.22 | 137,205.21 | 17,178.00 | 7,035.07 |
| Merlin R.P.D..... | 154,423.03 | 77,211.51 | 77,211.52 | 8,042.00 | 2,834.51 |
| Milton R.P.D..... | 133,804.80 | 66,902.40 | 66,902.40 | 6,249.27 | 3,139.84 |
| Milverton R.P.D..... | 77,154.89 | 38,577.44 | 38,577.45 | 3,131.29 | 3,089.49 |
| Mitchell R.P.D..... | 114,589.85 | 57,294.92 | 57,294.93 | 6,973.36 | 3,917.95 |
| Newmarket R.P.D..... | 149,493.88 | 74,746.94 | 74,746.94 | 9,273.60 | 3,992.93 |
| Niagara R.P.D..... | *136,436.50 | 67,893.88 | 68,542.62 | 12,962.90 | 5,365.73 |
| Norwich R.P.D..... | *221,045.34 | 108,184.14 | 112,861.20 | 10,304.56 | 5,799.10 |
| Oil Springs R.P.D..... | 30,477.32 | 15,238.66 | 15,238.66 | 1,630.73 | 1,310.76 |
| Palmerston R.P.D..... | *64,454.55 | 31,760.36 | 32,694.19 | 1,972.18 | 1,948.09 |
| Petrolia R.P.D..... | *32,308.20 | 15,600.73 | 16,707.47 | 1,103.33 | 1,244.77 |
| Preston R.P.D..... | *365,941.28 | 181,805.39 | 184,135.89 | 26,468.01 | 9,821.06 |
| Ridgetown R.P.D..... | 213,691.95 | 106,845.98 | 106,845.97 | 12,342.37 | 5,994.41 |
| St. Jacobs R.P.D..... | 114,617.32 | 57,022.93 | 57,594.39 | 7,374.79 | 4,486.08 |
| St. Marys R.P.D..... | 216,903.50 | 108,451.75 | 108,451.75 | 9,462.16 | 5,101.27 |
| St. Thomas R.P.D..... | 335,766.34 | 166,838.65 | 168,927.69 | 21,474.21 | 12,430.72 |
| Saltfleet R.P.D..... | 334,413.60 | 164,362.17 | 170,051.43 | 31,279.62 | 13,007.59 |
| Sandwich R.P.D..... | 352,785.90 | 176,388.04 | 176,397.86 | 30,678.65 | 18,508.16 |
| Sarnia R.P.D..... | *233,028.79 | 114,408.29 | 118,620.50 | 21,736.63 | 11,207.28 |
| Scarboro R.P.D..... | 235,570.45 | 117,785.23 | 117,785.22 | 13,563.89 | 6,131.26 |
| Seaforth R.P.D..... | 31,865.96 | 15,315.04 | 16,550.92 | 2,165.51 | 1,863.78 |
| Simcoe R.P.D..... | 155,668.24 | 77,663.83 | 78,004.41 | 8,633.68 | 4,022.76 |
| Stamford R.P.D..... | 41,504.93 | 20,752.47 | 20,752.46 | 4,012.08 | 3,750.64 |
| Stratford R.P.D..... | 68,226.49 | 33,852.39 | 34,374.10 | 5,592.11 | 2,866.43 |
| Strathroy R.P.D..... | 113,172.90 | 56,409.67 | 56,763.23 | 4,139.33 | 2,067.40 |
| Streetsville R.P.D..... | 201,038.55 | 100,519.27 | 100,519.28 | 12,090.82 | 5,033.99 |
| Tavistock R.P.D..... | 150,480.27 | 75,219.56 | 75,260.71 | 6,683.65 | 5,257.27 |
| Thamesville R.P.D..... | 112,815.56 | 56,156.29 | 56,659.27 | 4,180.10 | 3,171.58 |
| Tilbury R.P.D..... | *154,204.12 | 76,302.72 | 77,901.40 | 6,742.65 | 2,936.73 |
| Tillsonburg R.P.D..... | 242,552.77 | 121,276.38 | 121,276.39 | 13,258.23 | 5,521.79 |
| Wallaceburg R.P.D..... | 183,888.81 | 91,560.43 | 92,328.38 | 8,033.64 | 5,827.42 |
| Walsingham R.P.D..... | 264,425.69 | 132,212.84 | 132,212.85 | 11,488.79 | 6,170.89 |
| Walton R.P.D..... | *88,210.18 | 42,423.16 | 45,787.02 | 4,733.57 | 3,457.16 |
| Waterdown R.P.D..... | 260,333.71 | 119,813.70 | 140,520.01 | 34,150.54 | 9,565.73 |
| Waterford R.P.D..... | 134,026.61 | 67,013.30 | 67,013.31 | 7,319.92 | 3,124.83 |
| Watford R.P.D..... | 24,125.04 | 12,062.52 | 12,062.52 | 1,130.19 | 772.64 |
| Welland R.P.D..... | 700,513.82 | 345,867.18 | 354,646.64 | 34,834.82 | 21,936.15 |
| Woodbridge R.P.D..... | *403,887.47 | 201,100.87 | 202,786.60 | 19,791.90 | 9,446.88 |
| Woodstock R.P.D..... | 252,432.19 | 126,216.10 | 126,216.09 | 19,049.39 | 8,224.10 |
| Total capital..... | 14,603,781.84 | 7,235,501.69 | 7,368,280.15 | | |
| Non-operating capital..... | 74,000.59 | 36,955.81 | 37,044.78 | | |
| Grand totals..... | 14,677,782.43 | 7,272,457.50 | 7,405,324.93 | 961,373.80 | 468,336.43 |

Note—Items marked * include portions of transmission lines aggregating \$49,191.24 used for purposes of rural power districts.

RURAL POWER DISTRICTS

N.—RURAL OPERATING

District, the revenue collected from (or charged to) customers within each District, to the Municipalities comprising certain other Districts upon ascertainment in the year ending October 31, 1936

| Interest | Provision for depreciation and obsolescence | Sinking fund | Total cost | Revenue from power and light customers in each district | Amounts remaining to be credited to certain districts or charged to the municipalities comprising certain other districts | |
|------------|---|-----------------|---------------|---|---|-----------|
| | | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 11,901.73 | 8,540.33 | 2,575.89 | 98,962.79 | 103,317.92 | 4,355.13 | |
| 1,726.65 | 1,230.01 | 373.70 | 6,658.87 | 6,869.02 | 210.15 | |
| 2,656.46 | 1,895.51 | 574.94 | 14,269.21 | 13,319.43 | | 949.78 |
| 6,458.83 | 4,643.46 | 1,397.89 | 36,713.25 | 40,856.90 | 4,143.65 | |
| 3,706.94 | 2,666.68 | 802.29 | 18,052.42 | 18,250.93 | 198.51 | |
| 3,146.60 | 2,263.59 | 681.02 | 15,480.32 | 16,098.96 | 618.64 | |
| 1,796.82 | 1,292.59 | 388.89 | 9,699.08 | 8,325.59 | | 1,373.49 |
| 2,757.61 | 1,983.76 | 596.83 | 16,229.51 | 16,563.73 | 334.22 | |
| 3,441.47 | 2,475.71 | 744.84 | 19,928.55 | 21,168.49 | 1,239.94 | |
| 3,300.51 | 2,362.95 | 714.33 | 24,706.42 | 27,080.99 | 2,374.57 | |
| 5,041.56 | 3,544.93 | 1,091.14 | 25,781.29 | 27,200.82 | 1,419.53 | |
| 736.06 | 529.51 | 159.31 | 4,366.37 | 5,056.41 | 690.04 | |
| 1,545.54 | 1,095.48 | 334.50 | 6,895.79 | 5,127.75 | | 1,768.04 |
| 763.54 | 529.91 | 165.25 | 3,806.80 | 3,849.48 | 42.68 | |
| 8,767.84 | 6,266.59 | 1,897.62 | 53,221.12 | 57,097.13 | 3,876.01 | |
| 5,132.63 | 3,692.29 | 1,110.85 | 28,272.55 | 29,034.31 | 761.76 | |
| 2,769.28 | 1,982.15 | 599.36 | 17,211.66 | 17,001.05 | | 210.61 |
| 5,160.67 | 3,712.46 | 1,116.92 | 24,553.48 | 21,795.38 | | 2,758.10 |
| 8,033.05 | 5,744.23 | 1,738.60 | 49,420.81 | 47,913.45 | | 1,507.36 |
| 7,835.55 | 5,446.28 | 1,695.85 | 59,264.89 | 66,834.28 | 7,569.39 | |
| 8,493.68 | 6,109.97 | 1,838.28 | 65,628.74 | 72,994.39 | 7,365.65 | |
| 5,626.77 | 3,974.05 | 1,217.79 | 43,762.52 | 45,915.59 | 2,153.07 | |
| 5,502.91 | 3,958.67 | 1,190.99 | 30,347.72 | 36,815.56 | 6,467.84 | |
| 803.01 | 556.04 | 173.79 | 5,562.13 | 5,086.23 | | 475.90 |
| 3,599.45 | 2,583.40 | 779.03 | 19,618.32 | 21,035.35 | 1,417.03 | |
| 1,006.54 | 724.08 | 217.84 | 9,711.18 | 11,915.46 | 2,204.28 | |
| 1,652.61 | 1,179.72 | 357.67 | 11,648.54 | 11,569.99 | | 78.55 |
| 2,640.57 | 1,893.38 | 571.49 | 11,312.17 | 11,420.13 | 107.96 | |
| 4,819.66 | 3,467.15 | 1,043.12 | 26,454.74 | 26,253.57 | | 201.17 |
| 3,504.66 | 2,520.45 | 758.51 | 18,724.54 | 17,130.74 | | 1,593.80 |
| 2,716.26 | 1,945.21 | 587.88 | 12,601.03 | 13,119.53 | 518.50 | |
| 3,412.09 | 2,426.61 | 738.48 | 16,256.56 | 18,035.82 | 1,779.26 | |
| 5,569.58 | 4,006.63 | 1,205.42 | 29,561.65 | 30,272.09 | 710.44 | |
| 4,303.43 | 3,082.35 | 931.39 | 22,178.23 | 23,666.62 | 1,488.39 | |
| 5,984.41 | 4,305.04 | 1,295.20 | 29,244.33 | 32,128.99 | 2,884.66 | |
| 2,185.31 | 1,513.20 | 472.97 | 12,362.21 | 12,159.01 | | 203.20 |
| 6,805.06 | 4,176.04 | 1,472.82 | 56,170.19 | 57,010.44 | 840.25 | |
| 3,171.14 | 2,281.24 | 686.33 | 16,583.46 | 17,960.27 | 1,376.81 | |
| 586.86 | 422.17 | 127.01 | 3,038.87 | 2,879.96 | | 158.91 |
| 16,928.44 | 11,940.90 | 3,663.81 | 89,304.12 | 105,020.56 | 15,716.44 | |
| 9,569.43 | 6,855.68 | 2,071.10 | 47,734.99 | 54,763.10 | 7,028.11 | |
| 5,924.86 | 4,262.20 | 1,282.31 | 38,742.86 | 38,633.63 | | 109.23 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 347,175.94 | 246,593.95 | 75,139.12 | 2,098,619.24 | 2,187,520.92 | 125,093.00 | 36,191.32 |

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

NIAGARA

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount credited ending October 31, 1936, and the accumulated amount standing

| Municipality | Date commenced operating | Net credit or charge at October 31, 1935 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|--------------------|--------------------------|--|----------|--|----------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Acton..... | Jan. 1913 | 2,554.82 | | | 2,554.82 |
| Agincourt..... | Nov. 1922 | 480.97 | | | 480.97 |
| Ailsa Craig..... | Jan. 1916 | 432.78 | | | 432.78 |
| Alvinston..... | April 1922 | 4,120.87 | | | 4,120.87 |
| Amherstburg..... | Nov. 1925 | 1,261.25 | | | 1,261.25 |
| Ancaster twp..... | May 1923 | | 119.04 | 119.04 | |
| Arkona..... | Dec. 1926 | 352.96 | | | 352.96 |
| Aylmer..... | Mar. 1918 | 1,290.00 | | | 1,290.00 |
| Ayr..... | Jan. 1915 | 591.90 | | | 591.90 |
| Baden..... | May 1912 | 178.93 | | | 178.93 |
| Beachville..... | Aug. 1912 | 612.82 | | | 612.82 |
| Belle River..... | Dec. 1922 | 269.03 | | | 269.03 |
| Blenheim..... | Nov. 1915 | 683.93 | | | 683.93 |
| Blyth..... | July 1924 | 534.27 | | | 534.27 |
| Bolton..... | Feb. 1915 | 394.22 | | | 394.22 |
| Bothwell..... | Sept. 1915 | 280.48 | | | 280.48 |
| Brampton..... | Nov. 1911 | 3,191.39 | | | 3,191.39 |
| Brantford..... | Feb. 1914 | | 3,830.26 | 3,830.26 | |
| Brantford twp..... | May 1924 | 428.40 | | | 428.40 |
| Bridgeport..... | Mar. 1928 | 183.53 | | | 183.53 |
| Brigden..... | Jan. 1918 | 346.81 | | | 346.81 |
| Brussels..... | July 1924 | 707.71 | | | 707.71 |
| Burford..... | June 1915 | 183.62 | | | 183.62 |
| Burgessville..... | Nov. 1916 | 49.11 | | | 49.11 |
| Caledonia..... | Oct. 1912 | 416.94 | | | 416.94 |
| Campbellville..... | Jan. 1925 | 74.74 | | | 74.74 |
| Cayuga..... | Nov. 1924 | 54.54 | | 9.30 | 63.84 |
| Chatham..... | Feb. 1915 | 3,791.78 | | | 3,791.78 |
| Chippawa..... | Sept. 1919 | | 239.48 | 239.48 | |
| Clifford..... | May 1924 | 433.80 | | | 433.80 |
| Clinton..... | Mar. 1914 | 716.20 | | | 716.20 |
| Comber..... | May 1915 | 935.10 | | | 935.10 |
| Cottam..... | Nov. 1926 | 86.26 | | 2.01 | 88.27 |
| Courtright..... | Dec. 1923 | 311.73 | | | 311.73 |
| Dashwood..... | Sept. 1917 | 470.14 | | | 470.14 |
| Delaware..... | Mar. 1915 | | 89.33 | 89.33 | |
| Dorchester..... | Dec. 1914 | 255.85 | | | 255.85 |
| Drayton..... | Mar. 1918 | 636.75 | | | 636.75 |
| Dresden..... | April 1915 | 1,085.75 | | | 1,085.75 |
| Drumbo..... | Dec. 1914 | 324.16 | | | 324.16 |
| Dublin..... | Oct. 1917 | | 630.51 | | |
| Dundas..... | Jan. 1911 | 1,144.80 | | | 1,144.80 |
| Dunnville..... | June 1918 | 2,002.55 | | | 2,002.55 |
| Dutton..... | Sept. 1915 | 410.00 | | | 410.00 |
| East Windsor..... | Nov. 1922 | 1,872.49 | | | 1,872.49 |

SYSTEM

N.—CREDIT OR CHARGE

supplied to it to October 31, 1935, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1936

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1936 | | Accumulated amount standing as a credit or charge on October 31, 1936 | |
|--|---------|---|---------|---|--------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 39.65 | | 1,249.48 | | 1,289.13 | |
| 7.62 | | 437.17 | | 444.79 | |
| 8.41 | | 365.89 | | 374.30 | |
| 48.37 | | 353.71 | | 402.08 | |
| 19.99 | | 2,725.12 | | 2,745.11 | |
| | 2.15 | 166.45 | | 164.30 | |
| 6.54 | | 10.05 | | 16.59 | |
| 21.43 | | 1,283.20 | | 1,304.63 | |
| 10.54 | | 373.91 | | 384.45 | |
| 2.89 | | 485.76 | | 488.65 | |
| 11.25 | | 529.61 | | 540.86 | |
| 4.94 | | 434.77 | | 439.71 | |
| 10.91 | | 897.84 | | 908.75 | |
| 10.30 | | 454.25 | | 464.55 | |
| 6.07 | | 494.69 | | 500.76 | |
| 5.30 | | 144.65 | | 149.95 | |
| 53.02 | | 4,373.62 | | 4,426.64 | |
| | 61.95 | 196.99 | | 135.04 | |
| 6.88 | | 820.36 | | 827.24 | |
| 3.07 | | 362.54 | | 365.61 | |
| 6.06 | | 260.15 | | 266.21 | |
| 13.73 | | 518.87 | | 532.60 | |
| 3.47 | | 204.11 | | 207.58 | |
| 0.82 | | 118.35 | | 119.17 | |
| 7.02 | | 815.29 | | 822.31 | |
| 1.37 | | 99.96 | | 101.33 | |
| 1.05 | | 205.60 | | 206.65 | |
| 69.62 | | 5,699.02 | | 5,768.64 | |
| | 3.95 | 136.57 | | 132.62 | |
| 7.60 | | 365.79 | | 373.39 | |
| 11.90 | | 878.44 | | 890.34 | |
| 15.89 | | 390.81 | | 406.70 | |
| 1.36 | | 215.86 | | 217.22 | |
| 5.80 | | | 73.88 | | 68.08 |
| 8.28 | | 483.50 | | 491.78 | |
| | 1.44 | 184.37 | | 182.93 | |
| 4.31 | | 354.33 | | 358.64 | |
| 11.25 | | 416.13 | | 427.38 | |
| 18.97 | | 774.63 | | 793.60 | |
| 5.74 | | 153.47 | | 159.21 | |
| | 25.22 | 66.01 | | | 589.72 |
| 18.14 | | 2,379.38 | | 2,397.52 | |
| 31.73 | | 934.42 | | 966.15 | |
| 7.17 | | 593.17 | | 600.34 | |
| 30.90 | | 542.02 | | 572.92 | |

NIAGARA

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount credited ending October 31, 1936, and the accumulated amount standing

| Municipality | Date commenced operating | Net credit or charge at October 31, 1935 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|--------------------------------|--------------------------|--|-----------|--|----------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Elmira..... | Nov. 1913 | 2,164.11 | | | 2,164.11 |
| Elora..... | Nov. 1914 | 534.07 | | | 534.07 |
| Embro..... | Jan. 1915 | 461.95 | | | 461.95 |
| Erieau..... | July 1924 | 504.59 | | | 504.59 |
| Erie Beach..... | July 1925 | 132.67 | | | 132.67 |
| Essex..... | Nov. 1923 | 599.65 | | | 599.65 |
| Etobicoke twp..... | Aug. 1917 | | 5.62 | 5.62 | |
| Exeter..... | June 1916 | 897.61 | | | 897.61 |
| Fergus..... | Nov. 1914 | 2,951.54 | | | 2,951.54 |
| Fonthill..... | June 1926 | 281.11 | | | 281.11 |
| Forest..... | Mar. 1917 | 1,439.18 | | | 1,439.18 |
| Galt..... | May 1911 | | 4,109.14 | 4,109.14 | |
| Georgetown..... | Sept. 1913 | 3,503.34 | | | 3,503.34 |
| Glencoe..... | Aug. 1920 | 935.16 | | | 935.16 |
| Goderich..... | Feb. 1914 | 341.25 | | | 341.25 |
| Granton..... | July 1916 | 57.89 | | | 57.89 |
| Guelph..... | Dec. 1910 | 5,112.16 | | | 5,112.16 |
| Hagersville..... | Sept. 1913 | 200.03 | | | 200.03 |
| Hamilton..... | Feb. 1911 | | 40,744.47 | 40,744.47 | |
| Harriston..... | July 1916 | 1,133.87 | | | 1,133.87 |
| Harrow..... | Nov. 1923 | 797.35 | | | 797.35 |
| Hensall..... | Jan. 1917 | 1,053.45 | | 0.57 | 1,054.02 |
| Hespeler..... | Feb. 1911 | 1,755.42 | | | 1,755.42 |
| Highgate..... | Dec. 1916 | 159.61 | | | 159.61 |
| Humberstone..... | Oct. 1924 | 280.09 | | | 280.09 |
| Ingersoll..... | May 1911 | | 6,747.05 | 3,034.23 | |
| Jarvis..... | Feb. 1924 | | 79.24 | 79.24 | |
| Kingsville..... | Nov. 1923 | 397.65 | | | 397.65 |
| Kitchener..... | Jan. 1911 | | 3,947.60 | 3,947.60 | |
| Lambeth..... | April 1915 | 128.09 | | | 128.09 |
| LaSalle..... | Nov. 1925 | | 92.65 | 92.65 | |
| Leamington..... | Nov. 1923 | 336.83 | | | 336.83 |
| Listowel..... | June 1916 | 1,952.45 | | | 1,952.45 |
| London..... | Jan. 1911 | | 25,628.50 | 25,628.50 | |
| London Railway Commission..... | Aug. 1914 | | 5,380.00 | 5,380.00 | |
| London twp..... | Jan. 1925 | 511.78 | | | 511.78 |
| Long Branch..... | Jan. 1931 | 1,022.99 | | | 1,022.99 |
| Lucan..... | Feb. 1915 | 251.60 | | | 251.60 |
| Lynden..... | Nov. 1915 | 613.10 | | | 613.10 |
| Markham..... | April 1920 | 2,019.54 | | | 2,019.54 |
| Merlin..... | Dec. 1922 | 503.92 | | | 503.92 |
| Merritton..... | Nov. 1920 | | 2,703.44 | 2,703.44 | |
| Milton..... | April 1913 | 53.47 | | 2.34 | 55.81 |
| Milverton..... | June 1916 | 358.46 | | | 358.46 |
| Mimico..... | May 1912 | | 1,164.96 | 1,164.96 | |

SYSTEM

N.—CREDIT OR CHARGE

supplied to it to October 31, 1935, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1936

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1936 | | Accumulated amount standing as a credit or charge on October 31, 1936 | |
|--|---------|---|----------|---|----------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 38.10 | | 2,764.02 | | 2,802.12 | |
| 8.29 | | 285.89 | | 294.18 | |
| 8.26 | | 600.66 | | 608.92 | |
| 8.94 | | 415.36 | | 424.30 | |
| 2.58 | | 99.52 | | 102.10 | |
| 11.01 | | 781.21 | | 792.22 | |
| | 0.09 | 4,131.79 | | 4,131.70 | |
| 14.91 | | 1,109.47 | | 1,124.38 | |
| 51.88 | | 3,425.38 | | 3,477.26 | |
| 3.75 | | 212.21 | | 215.96 | |
| 23.18 | | 577.02 | | 600.20 | |
| | 68.71 | | 1,976.55 | | 2,045.26 |
| 61.35 | | 2,561.17 | | 2,622.52 | |
| 15.68 | | 904.52 | | 920.20 | |
| 5.89 | | 2,772.17 | | 2,778.06 | |
| 1.00 | | 472.81 | | 473.81 | |
| 84.92 | | 9,122.53 | | 9,207.45 | |
| 3.67 | | 545.42 | | 549.09 | |
| 7.00 | 630.41 | 20,946.13 | | 20,322.72 | |
| 17.54 | | 984.88 | | 1,002.42 | |
| 13.42 | | 1,247.32 | | 1,260.74 | |
| 21.38 | | 703.71 | | 725.09 | |
| 32.23 | | 2,710.61 | | 2,742.84 | |
| 2.51 | | 214.29 | | 216.80 | |
| 4.71 | | 506.56 | | 511.27 | |
| | 235.48 | | 668.44 | | 4,616.74 |
| | 1.32 | 71.77 | | 70.45 | |
| 7.52 | | 1,330.68 | | 1,338.20 | |
| | 66.01 | 4,778.08 | | 4,712.07 | |
| 2.35 | | 99.72 | | 102.07 | |
| | 1.53 | 426.83 | | 425.30 | |
| 5.71 | | 2,843.20 | | 2,848.91 | |
| 35.85 | | 2,193.83 | | 2,229.68 | |
| | 425.74 | 35,244.58 | | 34,818.84 | |
| | 119.95 | | 4,213.03 | | 4,332.98 |
| 8.50 | | 1,394.32 | | 1,402.82 | |
| 16.99 | | 1,284.22 | | 1,301.21 | |
| 4.76 | | 358.49 | | 363.25 | |
| 12.87 | | 315.53 | | 328.40 | |
| 42.83 | | 611.79 | | 654.62 | |
| 9.72 | | 593.49 | | 603.21 | |
| | 46.63 | 4,429.47 | | 4,382.84 | |
| 0.98 | | 1,360.36 | | 1,361.34 | |
| 5.99 | | 280.03 | | 286.02 | |
| | 23.17 | 546.11 | | 522.94 | |

NIAGARA

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount credited ending October 31, 1936, and the accumulated amount standing

| Municipality | Date commenced operating | Net credit or charge at October 31, 1935 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|--------------------------|--------------------------|--|-----------|--|-----------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Mitchell..... | Sept. 1911 | | 474.18 | 474.18 | |
| Moorefield..... | Mar. 1918 | 142.89 | | | 142.89 |
| Mount Brydges..... | Mar. 1915 | 240.30 | | | 240.30 |
| Newbury..... | Mar. 1921 | 197.07 | | | 197.07 |
| New Hamburg..... | Mar. 1911 | 60.39 | | | 60.39 |
| New Toronto..... | Feb. 1914 | 9,983.95 | | | 9,983.95 |
| Niagara Falls..... | Dec. 1915 | | 48,673.09 | 48,684.67 | 11.58 |
| Niagara-on-the-Lake..... | Aug. 1919 | 528.69 | | | 528.69 |
| Norwich..... | May 1912 | 271.36 | | | 271.36 |
| Oil Springs..... | Feb. 1918 | 514.70 | | | 514.70 |
| Otterville..... | Feb. 1916 | 408.17 | | | 408.17 |
| Palmerston..... | July 1916 | 1,109.99 | | | 1,109.99 |
| Paris..... | Feb. 1914 | | 579.83 | 579.83 | |
| Parkhill..... | May 1920 | 900.53 | | | 900.53 |
| Petrolia..... | May 1916 | 2,785.66 | | | 2,785.66 |
| Plattsville..... | Dec. 1914 | 541.07 | | | 541.07 |
| Point Edward..... | Nov. 1916 | 4,806.33 | | | 4,806.33 |
| Port Colborne..... | Mar. 1920 | 1,317.03 | | | 1,317.03 |
| Port Credit..... | Aug. 1912 | 528.65 | | | 528.65 |
| Port Dalhousie..... | Nov. 1912 | 289.31 | | | 289.31 |
| Port Dover..... | Dec. 1921 | 1,378.28 | | | 1,378.28 |
| Port Rowan..... | Nov. 1926 | 879.93 | | | 879.93 |
| Port Stanley..... | April 1912 | 1,809.56 | | | 1,809.56 |
| Preston..... | Jan. 1911 | | 1,428.07 | 1,428.07 | |
| Princeton..... | Jan. 1915 | 910.76 | | | 910.76 |
| Queenston..... | Mar. 1921 | 149.64 | | | 149.64 |
| Richmond Hill..... | June 1925 | 482.49 | | | 482.49 |
| Ridgetown..... | Dec. 1915 | 548.29 | | | 548.29 |
| Riverside..... | Nov. 1922 | 1,152.39 | | | 1,152.39 |
| Rockwood..... | Sept. 1913 | 475.01 | | | 475.01 |
| Rodney..... | Feb. 1917 | | 71.15 | 71.15 | |
| St. Catharines..... | April 1914 | | 6,093.46 | 6,093.46 | |
| St. Clair Beach..... | Nov. 1922 | 228.60 | | | 228.60 |
| St. George..... | Sept. 1915 | 963.47 | | | 963.47 |
| St. Jacobs..... | Sept. 1917 | 185.13 | | 1.89 | 187.02 |
| St. Marys..... | May 1911 | 2,268.22 | | | 2,268.22 |
| St. Thomas..... | April 1911 | | 1,392.53 | 1,392.53 | |
| Sandwich..... | Feb. 1924 | 1,015.37 | | 15.15 | 1,030.52 |
| Sarnia..... | Dec. 1916 | 14,780.20 | | | 14,780.20 |
| Scarboro twp..... | Aug. 1918 | 3,704.13 | | | 3,704.13 |
| Seaforth..... | Nov. 1911 | 434.16 | | | 434.16 |
| Simcoe..... | Aug. 1915 | 2,122.28 | | | 2,122.28 |
| Springfield..... | Aug. 1917 | 376.54 | | 3.97 | 380.51 |
| Stamford twp..... | Nov. 1916 | | 8,143.82 | 1,952.18 | |
| Stouffville..... | Sept. 1923 | 672.55 | | | 672.55 |

SYSTEM

N.—CREDIT OR CHARGE

supplied to it to October 31, 1935, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1936

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1936 | | Accumulated amount standing as a credit or charge on October 31, 1936 | |
|--|---------|---|-----------|---|-----------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| | 7.60 | 767.61 | | 760.01 | |
| 2.40 | | 314.04 | | 316.44 | |
| 4.15 | | 296.19 | | 300.34 | |
| 3.32 | | 195.21 | | 198.53 | |
| 0.98 | | 1,218.99 | | 1,219.97 | |
| 161.49 | | 10,826.03 | | 10,987.52 | |
| | 816.79 | | 20,296.26 | | 21,113.05 |
| 8.20 | | 832.04 | | 840.24 | |
| 4.36 | | 559.95 | | 564.31 | |
| 8.55 | | 671.32 | | 679.87 | |
| 8.01 | | 411.84 | | 419.85 | |
| 17.59 | | 1,015.73 | | 1,033.32 | |
| | 10.52 | 438.56 | | 428.04 | |
| 15.75 | | 762.78 | | 778.53 | |
| 51.45 | | 2,783.57 | | 2,835.02 | |
| 9.95 | | 232.99 | | 242.94 | |
| 69.97 | | 3,560.81 | | 3,630.78 | |
| 21.73 | | 2,136.55 | | 2,158.28 | |
| 8.78 | | 1,229.50 | | 1,238.28 | |
| 4.81 | | 1,255.51 | | 1,260.32 | |
| 24.51 | | 799.14 | | 823.65 | |
| 11.73 | | 530.73 | | 542.46 | |
| 39.29 | | 1,124.70 | | 1,163.99 | |
| | 23.57 | | 155.94 | | 179.51 |
| 16.29 | | 302.13 | | 318.42 | |
| 2.52 | | 96.61 | | 99.13 | |
| 8.91 | | 669.13 | | 678.04 | |
| 8.45 | | 654.98 | | 663.43 | |
| 19.02 | | 817.26 | | 836.28 | |
| 7.83 | | | 3.21 | 4.62 | |
| | 1.21 | 34.28 | | 33.07 | |
| | 109.88 | 1,482.09 | | 1,372.21 | |
| 3.77 | | 66.19 | | 69.96 | |
| 16.38 | | 588.94 | | 605.32 | |
| 3.51 | | 690.92 | | 694.43 | |
| 36.44 | | 3,199.01 | | 3,235.45 | |
| | 23.13 | 7,585.96 | | 7,562.83 | |
| 23.63 | | 195.55 | | 219.18 | |
| 243.91 | | 9,926.58 | | 10,170.49 | |
| 61.53 | | 6,535.82 | | 6,597.35 | |
| 7.97 | | 812.83 | | 820.80 | |
| 28.30 | | 2,810.65 | | 2,838.95 | |
| 7.47 | | 114.24 | | 121.71 | |
| | 267.93 | | 1,255.98 | | 7,715.55 |
| 12.53 | | 488.88 | | 501.41 | |

NIAGARA

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1936, and the accumulated amount standing

| Municipality | Date commenced operating | Net credit or charge at October 31, 1935 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|--|--------------------------|--|------------|--|------------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Stratford..... | Jan. 1911 | 4,898.77 | | | 4,898.77 |
| Strathroy..... | Dec. 1914 | 2,762.74 | | | 2,762.74 |
| Streetsville..... | Dec. 1934 | 164.27 | | | 164.27 |
| Sutton..... | Aug. 1923 | 1,350.58 | | | 1,350.58 |
| Tavistock..... | Nov. 1916 | 1,670.20 | | | 1,670.20 |
| Tecumseh..... | Nov. 1922 | 933.42 | | | 933.42 |
| Thamesford..... | Feb. 1914 | 340.91 | | | 340.91 |
| Thamesville..... | Oct. 1915 | 752.46 | | | 752.46 |
| Thedford..... | May 1922 | 435.62 | | | 435.62 |
| Thorndale..... | Mar. 1914 | 267.05 | | 1.30 | 268.35 |
| Thorold..... | Jan. 1921 | | 218.10 | 218.10 | |
| Tilbury..... | April 1915 | 1,233.83 | | | 1,233.83 |
| Tillsonburg..... | Aug. 1911 | 789.60 | | | 789.60 |
| Toronto..... | June 1911 | | 85,858.38 | 85,858.38 | |
| Toronto twp..... | Aug. 1913 | 1,390.33 | | | 1,390.33 |
| Trafalgar twp..... | Mar. 1929 | | 1,476.57 | | |
| Walkerville..... | Nov. 1914 | | 8,119.84 | 8,119.84 | |
| Wallaceburg..... | Feb. 1915 | 4,197.98 | | | 4,197.98 |
| Wardsville..... | June 1921 | 122.32 | | | 122.32 |
| Waterdown..... | Nov. 1911 | | 27.19 | 27.19 | |
| Waterford..... | April 1915 | 467.17 | | | 467.17 |
| Waterloo..... | Dec. 1910 | | 3,559.76 | 3,559.76 | |
| Watford..... | Sept. 1917 | 1,861.73 | | | 1,861.73 |
| Welland..... | Sept. 1917 | | 2,926.86 | 2,926.86 | |
| Wellesley..... | Nov. 1916 | 422.92 | | | 422.92 |
| West Lorne..... | Jan. 1917 | | 86.66 | 86.66 | |
| Weston..... | Jan. 1911 | | 71.07 | 71.07 | |
| Wheatley..... | Feb. 1924 | 360.01 | | 103.35 | 463.36 |
| Windsor..... | Oct. 1914 | | 17,036.02 | 17,036.02 | |
| Woodbridge..... | Dec. 1914 | 1,074.06 | | | 1,074.06 |
| Woodstock..... | Jan. 1911 | | 1,368.64 | 1,368.64 | |
| Wyoming..... | Nov. 1916 | 319.14 | | | 319.14 |
| York East twp..... | July 1925 | 371.68 | | | 371.68 |
| York North twp..... | Nov. 1923 | | 358.49 | 358.49 | |
| Zurich..... | Sept. 1917 | 582.62 | | | 582.62 |
| Mimico Asylum..... | Sept. 1913 | 316.35 | | | 316.35 |
| Ontario Reformatory..... | Sept. 1913 | 334.28 | | | 334.28 |
| Prison Brick Yard..... | | | 30.82 | 30.82 | |
| Toronto Transportation Commission..... | Jan. 1927 | 1,239.98 | | | 1,239.98 |
| Totals—Municipalities..... | | 155,422.47 | 283,505.82 | 271,645.74 | 155,573.93 |
| RURAL POWER DISTRICTS* | | | | | |
| Acton R.P.D..... | Feb. 1928 | | 408.29 | | 10.00 |
| Ailsa Craig R.P.D..... | Sept. 1930 | | 307.30 | 25.00 | |
| Alvinston R.P.D..... | June 1929 | | 622.23 | | 5.00 |

*For townships included in rural power districts see "Cost of Power" statement preceding.

SYSTEM

N.—CREDIT OR CHARGE

supplied to it to October 31, 1935, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1936

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1936 | | Accumulated amount standing as a credit or charge on October 31, 1936 | |
|--|----------|---|-----------|---|-----------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 77.63 | | 9,010.46 | | 9,088.09 | |
| 48.21 | | 3,039.83 | | 3,088.04 | |
| 3.02 | | 484.90 | | 487.92 | |
| 24.99 | | 1,026.72 | | 1,051.71 | |
| 27.16 | | 1,362.69 | | 1,389.85 | |
| 15.40 | | 47.55 | | 62.95 | |
| 5.81 | | 637.44 | | 643.25 | |
| 13.36 | | 717.47 | | 730.83 | |
| 8.01 | | 347.52 | | 355.53 | |
| 5.18 | | 178.84 | | 184.02 | |
| | 4.00 | 1,381.30 | | 1,377.30 | |
| 19.15 | | 1,077.01 | | 1,096.16 | |
| 13.29 | | 1,264.52 | | 1,277.81 | |
| | 1,398.13 | 40,898.66 | | 39,500.53 | |
| 22.34 | | 2,200.87 | | 2,223.21 | |
| | 59.06 | | 2,061.57 | | 3,597.20 |
| | 134.00 | 774.06 | | 640.06 | |
| 77.08 | | 1,867.30 | | 1,944.38 | |
| 2.09 | | 229.62 | | 231.71 | |
| | 0.45 | 507.76 | | 507.31 | |
| 7.35 | | 679.87 | | 687.22 | |
| | 56.41 | | 674.29 | | 730.70 |
| 31.88 | | 568.25 | | 600.13 | |
| | 68.45 | | 897.46 | | 965.91 |
| 7.59 | | 402.90 | | 410.49 | |
| | 1.56 | 22.05 | | 20.49 | |
| | 1.55 | 3,159.21 | | 3,157.66 | |
| 9.86 | | 512.36 | | 522.22 | |
| | 283.00 | 45,513.11 | | 45,230.11 | |
| 18.73 | | 1,222.28 | | 1,241.01 | |
| | 21.24 | 883.60 | | 862.36 | |
| 5.93 | | 140.39 | | 146.32 | |
| 6.05 | | 4,263.71 | | 4,269.76 | |
| | 5.64 | 2,788.24 | | 2,782.60 | |
| 10.15 | | 562.10 | | 572.25 | |
| | | 292.87 | | 298.71 | |
| 5.84 | | 326.07 | | 332.39 | |
| 6.32 | | | 66.41 | | 66.92 |
| | 0.51 | | | | |
| 23.35 | | 2,089.79 | | 2,113.14 | |
| 2,636.88 | 5,008.38 | 348,724.62 | 32,343.02 | 348,020.18 | 46,021.62 |
| | 16.73 | 38.21 | | | 396.81 |
| | 11.29 | | 103.42 | | 397.01 |
| | 25.09 | | 91.68 | | 744.00 |

NIAGARA

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1936, and the accumulated amount standing

| Rural Power District* | Date commenced operating | Net credit or charge at October 31, 1935 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|------------------------|--------------------------|--|-----------|--|---------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Amherstburg R.P.D..... | Nov. 1923 | 37,291.28 | | | |
| Aylmer R.P.D..... | Nov. 1922 | 21,296.13 | | 100.00 | |
| Ayr R.P.D..... | July 1926 | | 1,705.79 | | 20.27 |
| Baden R.P.D..... | Sept. 1922 | | 5,581.21 | | 15.00 |
| Beamsville R.P.D..... | Jan. 1923 | 56,876.16 | | 55.00 | |
| Belle River R.P.D..... | Dec. 1922 | 38,942.82 | | 415.00 | |
| Blenheim R.P.D..... | July 1924 | 25,153.89 | | 105.00 | |
| Bond Lake R.P.D..... | Mar. 1924 | 61,579.97 | | 324.00 | |
| Bothwell R.P.D..... | Dec. 1923 | 6,300.03 | | 60.00 | |
| Brampton R.P.D..... | Nov. 1923 | | 4,013.48 | | 25.00 |
| Brant R.P.D..... | Oct. 1922 | | 6,324.77 | 250.00 | |
| Brigden R.P.D..... | Jan. 1927 | | 3,968.45 | 60.00 | |
| Burford R.P.D..... | Dec. 1926 | 2,009.44 | | | 10.00 |
| Caledonia R.P.D..... | Oct. 1925 | | 2,289.57 | 15.00 | |
| Chatham R.P.D..... | May 1922 | 21,916.72 | | | 125.00 |
| Chippawa R.P.D..... | July 1922 | 2,894.61 | | | 140.00 |
| Clinton R.P.D..... | July 1928 | | 3,212.05 | 180.00 | |
| Delaware R.P.D..... | Oct. 1922 | 5,021.08 | | 60.00 | |
| Dorchester R.P.D..... | Dec. 1921 | 1,854.39 | | | 140.00 |
| Dresden R.P.D..... | May 1928 | | 786.67 | 10.00 | |
| Drumbo R.P.D..... | Aug. 1922 | | 2,804.00 | 238.00 | 65.00 |
| Dundas R.P.D..... | Jan. 1922 | 25,803.93 | | | 140.00 |
| Dunnville R.P.D..... | July 1928 | | 5,241.15 | | 30.00 |
| Dutton R.P.D..... | Feb. 1926 | | 4,622.69 | | 215.00 |
| Elmira R.P.D..... | June 1926 | | 2,651.62 | | 50.00 |
| Elora R.P.D..... | Jan. 1926 | | 4,002.74 | 130.00 | |
| Essex R.P.D..... | Nov. 1924 | 27,464.38 | | 110.00 | |
| Exeter R.P.D..... | Nov. 1922 | 14,981.37 | | | 100.00 |
| Forest R.P.D..... | Nov. 1926 | | 102.27 | | 75.00 |
| Galt R.P.D..... | Oct. 1922 | 760.53 | | 55.00 | |
| Georgetown R.P.D..... | Nov. 1924 | | 1,940.31 | 90.00 | |
| Goderich R.P.D..... | June 1925 | | 6,654.43 | | 45.00 |
| Grantham R.P.D..... | Nov. 1924 | | 1,107.42 | 85.00 | 70.00 |
| Guelph R.P.D..... | Jan. 1925 | | 9,972.88 | 65.00 | |
| Haldimand R.P.D..... | Oct. 1925 | | 7,556.25 | 45.00 | |
| Harriston R.P.D..... | Dec. 1929 | | 2,695.19 | 65.00 | |
| Harrow R.P.D..... | Nov. 1923 | 27,838.29 | | 390.00 | |
| Ingersoll R.P.D..... | Oct. 1922 | | 7,919.56 | | 40.00 |
| Jordan R.P.D..... | May 1922 | 8,983.95 | | 130.00 | |
| Keswick R.P.D..... | Mar. 1924 | | 17,690.06 | | 20.00 |
| Kingsville R.P.D..... | Nov. 1923 | 47,875.14 | | 40.00 | 88.15 |
| Listowel R.P.D..... | Oct. 1926 | | 3,356.47 | | 120.00 |
| London R.P.D..... | Nov. 1922 | 17,136.74 | | | 115.00 |

*For townships included in rural power districts see "Cost of Power" statement preceding.

SYSTEM

N.—CREDIT OR CHARGE

supplied to it to October 31, 1935, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1936

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1936 | | Accumulated amount standing as a credit or charge on October 31, 1936 | |
|--|---------|---|----------|---|-----------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 1,491.65 | | 1,551.02 | | 40,333.95 | |
| 855.85 | | 4,343.61 | | 26,595.59 | |
| | 69.04 | | 46.93 | | 1,842.03 |
| | 223.85 | | 2,187.69 | | 8,007.75 |
| 2,277.25 | | 7,998.46 | | 67,206.87 | |
| 1,574.31 | | 191.33 | | 41,123.46 | |
| 1,010.36 | | 2,840.32 | | 29,109.57 | |
| 2,476.16 | | 4,673.18 | | 69,053.31 | |
| 254.40 | | 1,088.46 | | 7,702.89 | |
| | 161.54 | | 1,792.63 | | 5,992.65 |
| | 242.99 | | 797.55 | | 7,115.31 |
| | 156.34 | | 942.10 | | 5,006.89 |
| 79.98 | | | 224.41 | 1,855.01 | |
| | 90.98 | 1,029.46 | | | 1,336.09 |
| 871.67 | | 734.71 | | 23,398.10 | |
| 110.18 | | | 596.17 | 2,268.62 | |
| | 121.28 | | 551.03 | | 3,704.36 |
| 203.24 | | 1,874.62 | | 7,158.94 | |
| 68.58 | | 2,495.16 | | 4,278.13 | |
| | 31.07 | 247.46 | | | 560.28 |
| | 107.64 | | 159.71 | | 2,898.35 |
| 1,026.56 | | 3,885.22 | | 30,575.71 | |
| | 210.85 | | 901.97 | | 6,383.97 |
| | 193.51 | | 2,122.04 | | 7,153.24 |
| | 108.06 | 25.77 | | | 2,783.91 |
| | 154.91 | | 561.51 | | 4,589.16 |
| 1,102.98 | | 2,794.16 | | 31,471.52 | |
| 595.25 | | 2,430.99 | | 17,907.61 | |
| | 7.09 | 1,015.67 | | 831.31 | |
| 32.62 | | | 1,777.89 | | 929.74 |
| | 74.01 | | 1,043.82 | | 2,968.14 |
| | 267.98 | | 1,868.45 | | 8,835.86 |
| | 43.70 | 1,572.55 | | 436.43 | |
| | 396.32 | | 1,472.85 | | 11,777.05 |
| | 300.45 | | 1,493.14 | | 9,304.84 |
| | 105.21 | | 909.98 | | 3,645.38 |
| 1,129.13 | | 1,173.76 | | 30,531.18 | |
| | 318.38 | | 3,252.27 | | 11,530.21 |
| 364.56 | | 1.60 | | 9,480.11 | |
| | 708.40 | | 119.88 | | 18,538.34 |
| 1,913.08 | | 3,194.37 | | 52,934.44 | |
| | 139.06 | | 1,786.06 | | 5,401.59 |
| 680.87 | | 4,355.13 | | 22,057.74 | |

NIAGARA

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1936, and the accumulated amount standing

| Rural Power District* | Date commenced operating | Net credit or charge at October 31, 1935 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|------------------------------|--------------------------|--|------------|--|------------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Lucan R.P.D. | June 1926 | | 189.72 | | 130.00 |
| Lynden R.P.D. | Feb. 1922 | | 2,806.26 | | 20.00 |
| Markham R.P.D. | Dec. 1922 | 44,807.16 | | | 375.00 |
| Merlin R.P.D. | Nov. 1928 | | 1,921.16 | | 360.00 |
| Milton R.P.D. | Jan. 1925 | 3,880.21 | | 40.00 | |
| Milverton R.P.D. | Aug. 1927 | | 5,514.40 | 40.00 | |
| Mitchell R.P.D. | Dec. 1925 | 1,599.16 | | | 10.00 |
| Newmarket R.P.D. | Mar. 1924 | 7,071.01 | | | 15.00 |
| Niagara R.P.D. | Jan. 1922 | 24,363.14 | | 140.00 | |
| Norwich R.P.D. | May 1925 | 4,450.33 | | 15.00 | |
| Oil Springs R.P.D. | Dec. 1925 | 4,026.02 | | | 15.00 |
| Palmerston R.P.D. | Oct. 1926 | | 6,452.13 | | 50.00 |
| Petrolia R.P.D. | Aug. 1923 | | 111.18 | | 10.00 |
| Preston R.P.D. | April 1922 | 6,865.60 | | | 90.00 |
| Ridgetown R.P.D. | Mar. 1922 | 304.97 | | 340.00 | |
| St. Jacobs R.P.D. | Nov. 1922 | | 2,560.47 | 50.00 | |
| St. Marys R.P.D. | Dec. 1927 | | 6,586.24 | 60.00 | |
| St. Thomas R.P.D. | Aug. 1923 | 18,798.12 | | | 75.00 |
| Saltfleet R.P.D. | Feb. 1922 | 16,603.44 | | 105.00 | 47.64 |
| Sandwich R.P.D. | July 1922 | 65,519.45 | | 355.00 | |
| Sarnia R.P.D. | June 1923 | 25,156.33 | | 315.00 | |
| Scarboro R.P.D. | Dec. 1923 | 48,216.54 | | | 35.00 |
| Seaforth R.P.D. | Nov. 1927 | | 1,811.46 | 55.00 | |
| Simcoe R.P.D. | Nov. 1922 | 2,188.83 | | 110.00 | |
| Stamford R.P.D. | Mar. 1922 | 8,276.98 | | | 170.00 |
| Stratford R.P.D. | July 1924 | | 1,301.80 | 20.00 | |
| Strathroy R.P.D. | Dec. 1926 | | 910.35 | | 55.00 |
| Streetsville R.P.D. | Nov. 1922 | 6,464.43 | | | 10.00 |
| Tavistock R.P.D. | April 1923 | | 1,688.70 | 150.00 | |
| Thamesville R.P.D. | Nov. 1927 | | 254.58 | 140.00 | |
| Tilbury R.P.D. | Dec. 1923 | 7,763.54 | | 307.50 | 58.50 |
| Tillsonburg R.P.D. | Dec. 1923 | 2,101.64 | | 175.00 | |
| Wallaceburg R.P.D. | Jan. 1923 | 9,845.07 | | 25.00 | |
| Walsingham R.P.D. | Dec. 1926 | 7,079.25 | | 130.00 | |
| Walton R.P.D. | Nov. 1924 | 1,366.42 | | 5.00 | |
| Waterdown R.P.D. | Oct. 1922 | 52,475.71 | | | 90.00 |
| Waterford R.P.D. | Nov. 1923 | 1,326.36 | | | 130.00 |
| Watford R.P.D. | Dec. 1929 | 256.43 | | | 5.00 |
| Welland R.P.D. | April 1922 | 34,541.92 | | | 460.00 |
| Woodbridge R.P.D. | Jan. 1923 | 22,318.29 | | | 55.00 |
| Woodstock R.P.D. | Feb. 1922 | 7,722.00 | | | 10.00 |
| Totals—Rural power districts | | 887,369.20 | 139,645.30 | 5,679.50 | 3,939.56 |
| Totals—Municipalities | | 155,422.47 | 283,505.82 | 271,645.74 | 155,573.93 |
| Grand totals | | 1,042,791.67 | 423,151.12 | 277,325.24 | 159,513.49 |

*For townships included in rural power districts see "Cost of Power" statement preceding.

SYSTEM

N.—CREDIT OR CHARGE

supplied to it to October 31, 1935, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1936

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1936 | | Accumulated amount standing as a credit or charge on October 31, 1936 | |
|--|-----------|---|-----------|---|------------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| | 12.79 | 210.15 | | | 122.36 |
| | 113.05 | | 949.78 | | 3,889.09 |
| 1,777.29 | | 4,143.65 | | 50,353.10 | |
| | 91.25 | 198.51 | | | 2,173.90 |
| 156.81 | | 618.64 | | 4,695.66 | |
| | 218.98 | | 1,373.49 | | 7,066.87 |
| 63.57 | | 334.22 | | 1,986.95 | |
| 282.24 | | 1,239.94 | | 8,578.19 | |
| 980.13 | | 2,374.57 | | 27,857.84 | |
| 178.61 | | 1,419.53 | | 6,063.47 | |
| 160.44 | | 690.04 | | 4,861.50 | |
| | 260.09 | | 1,768.04 | | 8,530.26 |
| | 4.85 | 42.68 | | | 83.35 |
| 271.02 | | 3,876.01 | | 10,922.63 | |
| 25.80 | | 761.76 | | 1,432.53 | |
| | 100.42 | | 210.61 | | 2,821.50 |
| | 261.05 | | 2,758.10 | | 9,545.39 |
| 748.92 | | | 1,507.36 | 17,964.68 | |
| 667.38 | | 7,569.39 | | 24,897.57 | |
| 2,634.98 | | 7,365.65 | | 75,875.08 | |
| 1,018.85 | | 2,153.07 | | 28,643.25 | |
| 1,927.26 | | 6,467.84 | | 56,576.64 | |
| | 70.26 | | 475.90 | | 2,302.62 |
| 91.95 | | 1,417.03 | | 3,807.81 | |
| 324.28 | | 2,204.28 | | 10,635.54 | |
| | 51.27 | | 78.55 | | 1,411.62 |
| | 38.61 | 107.96 | | | 896.00 |
| 258.18 | | | 201.17 | 6,511.44 | |
| | 61.55 | | 1,593.80 | | 3,194.05 |
| | 4.58 | 518.50 | | 399.34 | |
| 316.80 | | 1,779.26 | | 10,108.60 | |
| 91.07 | | 710.44 | | 3,078.15 | |
| 394.80 | | 1,488.39 | | 11,753.26 | |
| 288.37 | | 2,884.66 | | 10,382.28 | |
| 54.86 | | | 203.20 | 1,223.08 | |
| 2,095.43 | | 840.25 | | 55,321.39 | |
| 47.85 | | 1,376.81 | | 2,621.02 | |
| 10.06 | | | 158.91 | 102.58 | |
| 1,363.28 | | 15,716.44 | | 51,161.64 | |
| 890.53 | | 7,028.11 | | 30,181.93 | |
| 308.48 | | | 109.23 | 7,911.25 | |
| 35,547.92 | 5,574.52 | 125,093.00 | 36,191.32 | 1,042,218.89 | 173,879.97 |
| 2,636.88 | 5,008.38 | 348,724.62 | 32,343.02 | 348,020.18 | 46,021.62 |
| 38,184.80 | 10,582.90 | 473,817.62 | 68,534.34 | 1,390,239.07 | 219,901.59 |

NIAGARA SYSTEM

SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder, as part of the cost of power delivered thereto, together with its proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1936

| Municipality | Period of years ending Oct. 31, 1936 | Amount | Municipality | Period of years ending Oct. 31, 1936 | Amount |
|--------------------|--|------------|--------------------|--|--------------|
| | | \$ c. | | | \$ c. |
| Acton..... | 19 years | 50,320.80 | Elmira..... | 18 years | 59,958.23 |
| Agincourt..... | 12 " | 7,690.58 | Elora..... | 17 " | 28,736.50 |
| Ailsa Craig..... | 16 " | 12,033.18 | Embro..... | 17 " | 8,574.82 |
| Alvinston..... | 13 " | 11,845.69 | Erieau..... | 13 " | 4,406.97 |
| Amherstburg..... | 19 " | 38,344.90 | Erie Beach..... | 12 " | 1,085.78 |
| Ancaster twp..... | 13 " | 11,851.32 | Essex..... | 13 " | 21,999.33 |
| Arkona..... | 10 " | 4,374.33 | Etobicoke twp..... | 14 " | 139,790.30 |
| Aylmer..... | 13 " | 30,941.86 | Exeter..... | 15 " | 31,076.74 |
| Ayr..... | 17 " | 11,002.73 | Fergus..... | 17 " | 42,238.92 |
| Baden..... | 19 " | 24,666.59 | Fonthill..... | 11 " | 4,315.31 |
| Beachville..... | 19 " | 31,021.46 | Forest..... | 14 " | 23,402.39 |
| Belle River..... | 14 " | 7,341.45 | Galt..... | 20 " | 407,901.76 |
| Blenheim..... | 16 " | 28,090.57 | Georgetown..... | 18 " | 75,101.65 |
| Blyth..... | 13 " | 6,998.60 | Glencoe..... | 13 " | 14,872.85 |
| Bolton..... | 16 " | 13,561.57 | Goderich..... | 17 " | 92,644.14 |
| Bothwell..... | 16 " | 13,809.61 | Granton..... | 15 " | 6,229.81 |
| Brampton..... | 20 " | 125,532.18 | Guelph..... | 20 " | 493,267.71 |
| Brantford..... | 17 " | 657,947.36 | Hagersville..... | 18 " | 59,672.21 |
| Brantford twp..... | 13 " | 23,249.51 | Hamilton..... | 20 " | 3,243,420.95 |
| Bridgeport..... | 9 " | 4,181.21 | Harriston..... | 15 " | 25,255.76 |
| Brigden..... | 14 " | 9,143.51 | Harrow..... | 13 " | 16,778.70 |
| Brussels..... | 13 " | 9,575.61 | Hensall..... | 15 " | 11,931.42 |
| Burford..... | 16 " | 10,201.99 | Hespeler..... | 20 " | 81,096.90 |
| Burgessville..... | 15 " | 4,092.80 | Highgate..... | 15 " | 7,537.80 |
| Caledonia..... | 19 " | 16,660.73 | Humberstone..... | 13 " | 14,378.00 |
| Campbellville..... | 12 " | 1,756.89 | Ingersoll..... | 20 " | 138,385.49 |
| Cayuga..... | 12 " | 6,787.06 | Jarvis..... | 13 " | 10,877.57 |
| Chatham..... | 16 " | 293,727.90 | Kingsville..... | 13 " | 29,224.91 |
| Chippawa..... | 14 " | 12,894.01 | Kitchener..... | 20 " | 948,070.39 |
| Clifford..... | 13 " | 4,910.54 | Lambeth..... | 16 " | 7,189.16 |
| Clinton..... | 17 " | 35,039.76 | LaSalle..... | 11 " | 9,923.59 |
| Comber..... | 16 " | 14,568.57 | Leamington..... | 13 " | 57,514.42 |
| Cottam..... | 10 " | 2,940.15 | Listowel..... | 15 " | 56,029.22 |
| Courtright..... | 13 " | 4,199.44 | London..... | 20 " | 1,719,351.43 |
| Dashwood..... | 14 " | 6,364.37 | London Ry. Comm... | 17 " | 105,938.14 |
| Delaware..... | 16 " | 2,233.17 | London twp..... | 12 " | 12,954.66 |
| Dorchester..... | 17 " | 5,518.15 | Long Branch..... | 6 " | 14,102.27 |
| Drayton..... | 13 " | 9,196.70 | Lucan..... | 16 " | 14,191.66 |
| Dresden..... | 16 " | 23,716.61 | Lynden..... | 16 " | 10,511.09 |
| Drumbo..... | 17 " | 4,852.82 | Markham..... | 13 " | 13,121.86 |
| Dublin..... | 14 " | 4,389.78 | Merlin..... | 13 " | 9,233.95 |
| Dundas..... | 20 " | 105,958.57 | Merritton..... | 15 " | 87,114.56 |
| Dunnville..... | 13 " | 44,784.59 | Milton..... | 18 " | 77,740.85 |
| Dutton..... | 16 " | 14,814.53 | Milverton..... | 15 " | 33,917.24 |
| East Windsor..... | 14 " | 161,984.93 | Mimico..... | 19 " | 102,841.73 |

NIAGARA SYSTEM

SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder, as part of the cost of power delivered thereto, together with its proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1936

| Municipality | Period of years ending Oct. 31, 1936 | Amount | Municipality | Period of years ending Oct. 31, 1936 | Amount |
|--------------------------|--|------------|--|--|-----------------|
| | | \$ c. | | | \$ c. |
| Mitchell..... | 20 years | 33,031.51 | Stouffville..... | 13 " | 11,325.92 |
| Moorefield..... | 13 " | 4,739.91 | Stratford..... | 20 years | 448,585.52 |
| Mount Brydges..... | 16 " | 5,500.28 | Strathroy..... | 17 " | 63,740.46 |
| Newbury..... | 13 " | 3,412.89 | Streetsville..... | 2 " | 730.34 |
| New Hamburg..... | 20 " | 37,347.12 | Sutton..... | 13 " | 10,816.32 |
| New Toronto..... | 17 " | 318,026.70 | Tavistock..... | 15 " | 32,744.53 |
| Niagara Falls..... | 16 " | 429,074.29 | Tecumseh..... | 14 " | 18,412.38 |
| Niagara-on-the-Lake..... | 13 " | 22,585.52 | Thamesford..... | 17 " | 12,533.87 |
| Norwich..... | 19 " | 27,730.47 | Thamesville..... | 16 " | 12,714.28 |
| Oil Springs..... | 13 " | 18,964.77 | Thedford..... | 13 " | 6,760.34 |
| Otterville..... | 15 " | 6,299.79 | Thorndale..... | 17 " | 6,501.41 |
| Palmerston..... | 15 " | 31,911.91 | Thorold..... | 14 " | 68,078.30 |
| Paris..... | 17 " | 84,488.15 | Tilbury..... | 16 " | 33,588.45 |
| Parkhill..... | 13 " | 13,774.42 | Tillsonburg..... | 20 " | 63,347.22 |
| Petrolia..... | 15 " | 76,102.81 | Toronto..... | 20 " | 14,030,736.71 |
| Plattsville..... | 17 " | 6,683.88 | Toronto twp..... | 18 " | 72,896.37 |
| Point Edward..... | 14 " | 38,973.15 | Trafalgar twp..... | 2 " | 2,742.10 |
| Port Colborne..... | 15 " | 68,062.63 | Walkerville..... | 17 " | 461,498.30 |
| Port Credit..... | 19 " | 28,090.41 | Wallaceburg..... | 16 " | 136,245.39 |
| Port Dalhousie..... | 15 " | 24,283.88 | Wardsville..... | 13 " | 2,620.26 |
| Port Dover..... | 13 " | 17,969.37 | Waterdown..... | 20 " | 17,221.34 |
| Port Rowan..... | 10 " | 4,819.32 | Waterford..... | 16 " | 23,421.32 |
| Port Stanley..... | 19 " | 29,453.33 | Waterloo..... | 20 " | 189,264.71 |
| Preston..... | 20 " | 197,142.10 | Watford..... | 14 " | 16,284.59 |
| Princeton..... | 17 " | 6,524.03 | Welland..... | 14 " | 201,592.80 |
| Queenston..... | 13 " | 4,995.30 | Wellesley..... | 15 " | 12,609.46 |
| Richmond Hill..... | 12 " | 12,805.52 | West Lorne..... | 15 " | 19,978.73 |
| Ridgetown..... | 16 " | 30,911.58 | Weston..... | 20 " | 168,410.20 |
| Riverside..... | 14 " | 59,815.40 | Wheatley..... | 13 " | 9,222.80 |
| Rockwood..... | 18 " | 8,380.66 | Windsor..... | 17 " | 1,434,899.29 |
| Rodney..... | 14 " | 9,549.84 | Woodbridge..... | 17 " | 21,670.55 |
| St. Catharines..... | 15 " | 402,351.39 | Woodstock..... | 20 " | 283,389.74 |
| St. Clair Beach..... | 14 " | 4,846.53 | Wyoming..... | 15 " | 6,018.27 |
| St. George..... | 16 " | 10,370.12 | York East twp..... | 12 " | 182,204.73 |
| St. Jacobs..... | 14 " | 11,055.34 | York North twp..... | 13 " | 85,933.33 |
| St. Marys..... | 20 " | 100,471.79 | Zurich..... | 14 " | 9,821.20 |
| St. Thomas..... | 20 " | 356,802.09 | Ont. Reformatory..... | 2 " | 1,665.23 |
| Sandwich..... | 13 " | 164,414.84 | Toronto Trans. Com..... | 15 " | 149,971.59 |
| Sarnia..... | 15 " | 449,052.97 | Sandwich, Windsor & Amherstburg Ry. Co..... | 14 " | 141,849.65 |
| Scarboro twp..... | 13 " | 125,623.14 | Mimico Asylum..... | 2 " | 1,036.29 |
| Seaforth..... | 20 " | 47,321.34 | Prison Brick Yard..... | 2 " | 745.15 |
| Simcoe..... | 16 " | 71,476.90 | | | |
| Springfield..... | 14 " | 7,021.75 | | | |
| Stamford twp..... | 15 " | 68,210.78 | | | |
| | | | Total—Municipalities..... | | \$32,253,327.18 |

NIAGARA SYSTEM

SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder, as part of the cost of power delivered thereto, together with its proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1936

| Rural Power District* | Period of years ending Oct. 31, 1936 | Amount | Rural Power Districts* | Period of years ending Oct. 31, 1936 | Amount |
|-----------------------|--|-----------|------------------------------|--|-----------------|
| | | \$ c. | | | \$ c. |
| Acton R.P.D. | 9 years | 829.57 | Lynden R.P.D. | 15 years | 13,243.50 |
| Ailsa Craig R.P.D. | 7 " | 441.29 | Markham R.P.D. | 14 " | 25,644.45 |
| Alvinston R.P.D. | 8 " | 369.69 | Merlin R.P.D. | 8 " | 11,825.33 |
| Amherstburg R.P.D. | 13 " | 38,155.39 | Milton R.P.D. | 12 " | 10,758.36 |
| Aylmer R.P.D. | 15 " | 21,214.52 | Milverton R.P.D. | 10 " | 4,919.27 |
| Ayr R.P.D. | 11 " | 2,991.42 | Mitchell R.P.D. | 11 " | 12,215.02 |
| Baden R.P.D. | 15 " | 21,207.76 | Newmarket R.P.D. | 13 " | 15,290.55 |
| Beamsville R.P.D. | 14 " | 60,137.30 | Niagara R.P.D. | 15 " | 27,619.66 |
| Belle River R.P.D. | 14 " | 17,797.87 | Norwich R.P.D. | 12 " | 25,308.21 |
| Blenheim R.P.D. | 13 " | 10,584.55 | Oil Springs R.P.D. | 11 " | 3,836.45 |
| Bond Lake R.P.D. | 13 " | 49,310.18 | Palmerston R.P.D. | 10 " | 3,299.82 |
| Bothwell R.P.D. | 13 " | 9,620.11 | Petrolia R.P.D. | 14 " | 2,301.03 |
| Brampton R.P.D. | 13 " | 8,003.14 | Preston R.P.D. | 15 " | 52,541.77 |
| Brant R.P.D. | 15 " | 27,179.94 | Ridgetown R.P.D. | 15 " | 25,590.42 |
| Brigden R.P.D. | 10 " | 4,726.48 | St. Jacobs R.P.D. | 14 " | 16,238.91 |
| Burford R.P.D. | 10 " | 8,883.88 | St. Marys R.P.D. | 9 " | 15,770.62 |
| Caledonia R.P.D. | 12 " | 17,549.39 | St. Thomas R.P.D. | 14 " | 38,014.65 |
| Chatham R.P.D. | 15 " | 30,280.53 | Saltfleet R.P.D. | 15 " | 59,226.58 |
| Chippawa R.P.D. | 15 " | 8,971.82 | Sandwich R.P.D. | 15 " | 67,746.27 |
| Clinton R.P.D. | 9 " | 9,488.71 | Sarnia R.P.D. | 14 " | 36,157.36 |
| Delaware R.P.D. | 14 " | 23,625.69 | Scarboro R.P.D. | 13 " | 19,508.47 |
| Dorchester R.P.D. | 15 " | 29,641.53 | Seaforth R.P.D. | 9 " | 3,337.23 |
| Dresden R.P.D. | 9 " | 2,397.79 | Simcoe R.P.D. | 14 " | 12,788.62 |
| Drumbo R.P.D. | 15 " | 9,818.25 | Stamford R.P.D. | 15 " | 8,920.85 |
| Dundas R.P.D. | 15 " | 32,749.04 | Stratford R.P.D. | 13 " | 12,352.05 |
| Dunnville R.P.D. | 9 " | 2,214.87 | Strathroy R.P.D. | 10 " | 7,014.00 |
| Dutton R.P.D. | 11 " | 7,087.26 | Streetsville R.P.D. | 14 " | 21,637.99 |
| Elmira R.P.D. | 11 " | 3,664.15 | Tavistock R.P.D. | 14 " | 12,282.73 |
| Elora R.P.D. | 11 " | 8,275.50 | Thamesville R.P.D. | 9 " | 7,703.39 |
| Essex R.P.D. | 12 " | 16,059.44 | Tilbury R.P.D. | 13 " | 9,888.11 |
| Exeter R.P.D. | 14 " | 20,835.23 | Tillsonburg R.P.D. | 13 " | 29,860.91 |
| Forest R.P.D. | 10 " | 3,519.30 | Wallaceburg R.P.D. | 14 " | 18,713.01 |
| Galt R.P.D. | 15 " | 10,107.93 | Walsingham R.P.D. | 10 " | 13,269.71 |
| Georgetown R.P.D. | 12 " | 8,744.28 | Walton R.P.D. | 12 " | 7,572.05 |
| Goderich R.P.D. | 12 " | 6,976.35 | Waterdown R.P.D. | 14 " | 34,246.69 |
| Grantham R.P.D. | 12 " | 31,501.86 | Waterford R.P.D. | 13 " | 10,884.21 |
| Guelpth R.P.D. | 12 " | 19,161.44 | Watford R.P.D. | 7 " | 1,551.39 |
| Haldimand R.P.D. | 12 " | 11,074.59 | Welland R.P.D. | 7 " | 81,526.83 |
| Harriston R.P.D. | 7 " | 1,606.14 | Woodbridge R.P.D. | 14 " | 44,097.18 |
| Harrow R.P.D. | 13 " | 20,895.23 | Woodstock R.P.D. | 15 " | 37,136.79 |
| Ingersoll R.P.D. | 15 " | 24,679.40 | | | |
| Jordan R.P.D. | 15 " | 13,850.48 | Total—Rural power districts. | | \$1,694,194.35 |
| Keswick R.P.D. | 13 " | 25,519.45 | Total—Municipalities | | \$32,253,327.18 |
| Kingsville R.P.D. | 13 " | 49,709.82 | Total—Rural power districts. | | 1,694,194.35 |
| Listowel R.P.D. | 10 " | 9,292.98 | | | |
| London R.P.D. | 14 " | 86,162.99 | Grand total | | \$33,947,521.53 |
| Lucan R.P.D. | 11 " | 5,439.38 | | | |

*For townships included in rural power districts see "Cost of Power" statement preceding.

NIAGARA SYSTEM—RURAL LINES

Statement showing Interest, Depreciation and Obsolescence, Contingencies and Sinking Fund charged by the Commission to the Municipalities which operate the respective rural lines for the year ending October 31, 1936

| Operated by | Capital cost | Interest | Provision for depreciation and obsolescence | Provision for contingencies | Provision for sinking fund | Total interest depreciation and obsolescence, contingencies and sinking fund charged |
|--------------|--------------|----------|---|-----------------------------|----------------------------|--|
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Milton..... | 440.82 | 21.86 | 8.82 | 4.41 | 7.93 | 43.02 |
| Welland..... | 19,617.60 | 823.94 | 392.35 | 196.18 | 353.12 | 1,765.59 |
| Totals..... | 20,058.42 | 845.80 | 401.17 | 200.59 | 361.05 | 1,808.61 |

NIAGARA SYSTEM—RURAL LINES

Statement showing the total Sinking Fund in respect of each line, together with interest allowed thereon to October 31, 1936

| Lines operated by | Period of years ending October 31, 1936 | Amount |
|-------------------|---|-----------------|
| Milton..... | 23 years | \$ c. 271.61 |
| Welland..... | 24 " | 13,041.04 |
| Total..... | | 13,312.65 |

GEORGIAN BAY

Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual cost

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Share of operating | | |
|----------------------|--|-----------------|---|--|-------------------------|--|-----------|
| | To Oct. 31 1935 | To Oct. 31 1936 | | | Cost of power purchased | Operating, main-tenance and adminis-trative expenses | Interest |
| | | | | | | | |
| | \$ c. | \$ c. | \$ c. | | \$ c. | \$ c. | \$ c. |
| Alliston..... | 55.00 | 55.00 | 95,610.96 | 239.8 | 508.56 | 3,476.66 | 4,517.42 |
| Arthur..... | 72.00 | 67.50 | 67,489.11 | 132.8 | 281.64 | 2,835.84 | 3,188.30 |
| Barrie..... | 34.00 | 32.50 | 565,890.40 | 2,366.5 | 5,018.76 | 23,263.16 | 26,727.48 |
| Beaverton..... | 42.00 | 40.00 | 51,772.34 | 188.3 | 399.34 | 2,673.03 | 2,445.54 |
| Beeton..... | 72.00 | 71.50 | 52,913.95 | 97.7 | 207.20 | 1,735.97 | 2,500.43 |
| Bradford..... | 64.00 | 58.00 | 69,164.56 | 167.5 | 355.23 | 2,927.28 | 3,267.36 |
| Brechin..... | 55.00 | 48.50 | 18,992.61 | 54.4 | 115.37 | 859.69 | 897.29 |
| Cannington..... | 42.00 | 40.50 | 41,556.52 | 146.8 | 311.33 | 2,201.00 | 1,963.00 |
| Chatsworth..... | 45.00 | 43.00 | 16,049.59 | 55.9 | 118.55 | 1,132.17 | 758.14 |
| Chesley..... | 37.00 | 35.50 | 136,128.04 | 508.8 | 1,079.04 | 5,857.17 | 6,429.21 |
| Coldwater..... | 37.00 | 36.50 | 64,999.81 | 247.8 | 525.52 | 2,710.40 | 3,070.23 |
| Collingwood..... | 40.00 | 39.00 | 332,421.27 | 1,160.9 | 2,461.98 | 14,597.46 | 15,702.90 |
| Cookstown..... | 55.00 | 50.00 | 21,264.82 | 59.1 | 125.34 | 880.99 | 1,004.67 |
| Creemore..... | 55.00 | 54.50 | 37,176.13 | 95.8 | 203.17 | 1,698.01 | 1,756.48 |
| Dundalk..... | 40.00 | 37.00 | 49,619.79 | 192.3 | 407.82 | 2,469.91 | 2,343.74 |
| Durham..... | 43.00 | 40.50 | 87,036.26 | 302.6 | 641.74 | 3,822.48 | 4,111.40 |
| Elmvale..... | 40.00 | 39.50 | 38,908.97 | 142.5 | 302.21 | 2,183.45 | 1,837.90 |
| Elmwood..... | 44.00 | 42.50 | 17,913.73 | 62.7 | 132.97 | 986.18 | 846.20 |
| Flesherton..... | 48.00 | 45.50 | 23,781.98 | 76.1 | 161.39 | 1,252.67 | 1,123.47 |
| Grand Valley..... | 56.00 | 53.00 | 41,319.36 | 107.1 | 227.13 | 2,058.65 | 1,951.80 |
| Gravenhurst..... | 25.00 | 25.00 | 126,074.15 | 686.2 | | 6,087.60 | 5,955.21 |
| Hanover..... | 33.00 | 32.00 | 256,460.80 | 1,061.1 | 2,250.33 | 10,363.31 | 12,112.94 |
| Holstein..... | 90.00 | 90.00 | 10,789.53 | 18.6 | 39.44 | 445.39 | 509.87 |
| Huntsville..... | 28.00 | 28.00 | 190,280.08 | 850.7 | | 8,723.63 | 8,989.30 |
| Kincardine..... | 50.00 | 46.50 | 205,946.36 | 559.0 | 1,185.50 | 9,594.84 | 9,736.15 |
| Kirkfield..... | 60.00 | 56.00 | 10,972.51 | 23.9 | 50.69 | 441.97 | 518.48 |
| Lucknow..... | 60.00 | 53.50 | 97,153.00 | 238.5 | 505.80 | 4,267.14 | 4,590.32 |
| Markdale..... | 38.00 | 37.00 | 41,144.44 | 160.3 | 339.96 | 2,088.09 | 1,943.39 |
| Meaford..... | 43.00 | 40.50 | 152,570.57 | 507.5 | 1,076.28 | 7,187.82 | 7,209.33 |
| Midland..... | 33.00 | 31.50 | 592,695.36 | 2,525.6 | 5,356.17 | 25,019.89 | 27,992.95 |
| Mildmay..... | 54.00 | 48.50 | 29,175.84 | 80.7 | 171.14 | 1,102.78 | 1,378.40 |
| Mount Forest..... | 48.00 | 46.00 | 124,452.95 | 395.8 | 839.39 | 5,067.38 | 5,879.28 |
| Neustadt..... | 70.00 | 67.50 | 13,679.97 | 28.3 | 60.02 | 548.72 | 646.42 |
| Orangeville..... | 47.00 | 45.00 | 187,351.60 | 547.2 | 1,160.48 | 7,274.37 | 8,849.06 |
| Owen Sound..... | 32.00 | 32.00 | 817,478.24 | 3,439.1 | 7,293.48 | 33,137.13 | 38,563.56 |
| Paisley..... | 58.00 | 54.00 | 48,998.67 | 115.2 | 244.31 | 1,865.47 | 2,315.16 |
| Penetanguishene..... | 38.00 | 36.50 | 176,782.54 | 650.8 | 1,380.18 | 6,636.37 | 8,350.47 |
| Port Elgin..... | 38.00 | 38.00 | 94,215.01 | 286.7 | 608.02 | 3,414.43 | 4,450.94 |
| Port McNicoll..... | 38.00 | 37.00 | 22,443.76 | 80.0 | 169.66 | 866.53 | 1,060.17 |
| Port Perry..... | 52.00 | 47.50 | 89,345.41 | 253.1 | 536.76 | 3,490.56 | 4,211.58 |

SYSTEM

G.B.—COST OF POWER

the Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Municipality of power supplied to it in the year ending October 31, 1936

| costs and fixed charges | | | Cost in excess of revenue from power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|---|-----------------------------|--------------|--|--|---|--|---------|
| Provision for depreciation and obsolescence | Provision for contingencies | Sinking fund | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 1,444.93 | 316.83 | 1,006.24 | 82.70 | 11,353.34 | 13,186.68 | 1,833.34 | |
| 1,090.66 | 220.58 | 710.18 | 45.80 | 8,373.00 | 8,965.10 | 592.10 | |
| 6,706.28 | 2,113.86 | 5,953.46 | 816.17 | 70,599.17 | 76,911.75 | 6,312.58 | |
| 668.51 | 191.60 | 544.73 | 64.94 | 6,987.69 | 7,531.30 | 543.61 | |
| 867.89 | 169.17 | 556.96 | 33.69 | 6,071.31 | 6,987.29 | 915.98 | |
| 1,056.64 | 232.64 | 727.79 | 57.77 | 8,624.71 | 9,713.03 | 1,088.32 | |
| 273.84 | 69.17 | 199.87 | 18.76 | 2,433.99 | 2,638.35 | 204.36 | |
| 545.05 | 153.14 | 437.25 | 50.63 | 5,661.40 | 5,944.36 | 282.96 | |
| 212.05 | 63.91 | 168.87 | 19.28 | 2,472.97 | 2,402.96 | | 70.01 |
| 1,730.72 | 522.72 | 1,432.08 | 175.47 | 17,226.41 | 18,063.44 | 837.03 | |
| 817.11 | 251.72 | 683.88 | 85.46 | 8,144.32 | 9,044.49 | 900.17 | |
| 4,386.22 | 1,219.04 | 3,497.77 | 400.39 | 42,265.76 | 45,276.39 | 3,010.63 | |
| 310.14 | 78.38 | 223.79 | 20.38 | 2,643.69 | 2,953.30 | 309.61 | |
| 556.85 | 130.65 | 391.25 | 33.04 | 4,769.45 | 5,223.33 | 453.88 | |
| 617.66 | 186.93 | 522.06 | 66.32 | 6,614.44 | 7,113.75 | 499.31 | |
| 1,151.04 | 330.86 | 915.80 | 104.36 | 11,077.68 | 12,254.87 | 1,177.19 | |
| 500.49 | 150.25 | 409.39 | 49.14 | 5,432.83 | 5,628.81 | 195.98 | |
| 236.09 | 72.34 | 188.49 | 21.62 | 2,483.89 | 2,666.48 | 182.59 | |
| 294.32 | 86.12 | 250.25 | 26.25 | 3,194.47 | 3,463.27 | 268.80 | |
| 617.50 | 143.49 | 434.76 | 36.94 | 5,470.27 | 5,674.52 | 204.25 | |
| 1,185.25 | 493.15 | 1,326.50 | 236.66 | 15,284.37 | 17,155.27 | 1,870.90 | |
| 3,061.46 | 1,005.81 | 2,698.10 | 365.95 | 31,857.90 | 33,956.45 | 2,098.55 | |
| 179.54 | 33.02 | 113.57 | 6.41 | 1,327.24 | 1,671.75 | 344.51 | |
| 2,149.03 | 692.28 | 2,002.33 | 293.39 | 22,849.96 | 23,818.36 | 968.40 | |
| 3,032.19 | 702.42 | 2,168.69 | 192.79 | 26,612.58 | 25,995.33 | | 617.25 |
| 172.88 | 36.29 | 115.49 | 8.24 | 1,344.04 | 1,336.51 | | 7.53 |
| 1,478.30 | 330.77 | 1,022.48 | 82.25 | 12,277.06 | 12,761.95 | 484.89 | |
| 477.22 | 151.51 | 432.88 | 55.28 | 5,488.33 | 5,929.85 | 441.52 | |
| 2,063.29 | 542.51 | 1,605.85 | 175.03 | 19,860.11 | 20,552.91 | 692.80 | |
| 6,932.30 | 2,157.58 | 6,235.32 | 871.05 | 74,565.26 | 79,556.47 | 4,991.21 | |
| 409.21 | 106.41 | 307.03 | 27.83 | 3,502.80 | 3,913.51 | 410.71 | |
| 1,717.77 | 433.46 | 1,309.59 | 136.50 | 15,383.37 | 18,207.54 | 2,824.17 | |
| 218.45 | 43.92 | 143.99 | 9.76 | 1,671.28 | 1,910.21 | 238.93 | |
| 2,679.83 | 651.40 | 1,971.10 | 188.72 | 22,774.96 | 24,624.73 | 1,849.77 | |
| 9,628.24 | 3,020.00 | 8,589.89 | 1,186.09 | 101,418.39 | 110,050.89 | 8,632.50 | |
| 755.48 | 167.54 | 515.69 | 39.73 | 5,903.38 | 6,220.35 | 316.97 | |
| 2,267.45 | 641.45 | 1,860.04 | 224.45 | 21,360.41 | 23,755.18 | 2,394.77 | |
| 1,325.61 | 328.63 | 991.43 | 98.88 | 11,217.94 | 10,894.44 | | 323.50 |
| 292.97 | 88.26 | 236.15 | 27.59 | 2,741.33 | 2,959.67 | 218.34 | |
| 1,289.69 | 300.80 | 938.11 | 87.29 | 10,854.79 | 12,020.63 | 1,165.84 | |

GEORGIAN BAY

Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual cost

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horsepower supplied in year after correction for power factor | Share of operating | | |
|--|--|-----------------|---|---|-------------------------|--|------------|
| | To Oct. 31 1935 | To Oct. 31 1936 | | | Cost of power purchased | Operating, maintenance and administrative expenses | Interest |
| | \$ c. | \$ c. | \$ c. | | \$ c. | \$ c. | \$ c. |
| Priceville..... | 70.00 | 60.00 | 4,331.75 | 14.6 | 30.96 | 411.94 | 204.62 |
| Ripley..... | 75.00 | 70.00 | 29,672.79 | 53.4 | 113.25 | 1,196.07 | 1,402.20 |
| Rosseau..... | 100.00 | 90.50 | 28,312.25 | 36.0 | ..... | 792.03 | 1,338.16 |
| Shelburne..... | 46.00 | 42.00 | 70,376.26 | 231.5 | 490.95 | 3,340.12 | 3,324.57 |
| Southampton..... | 38.00 | 38.00 | 73,936.04 | 226.0 | 479.29 | 2,657.86 | 3,492.91 |
| Stayner..... | 42.00 | 40.00 | 59,370.63 | 209.7 | 444.72 | 2,652.42 | 2,804.52 |
| Sunderland..... | 56.00 | 54.00 | 25,434.84 | 62.9 | 133.40 | 1,119.23 | 1,201.74 |
| Tara..... | 46.00 | 42.50 | 25,956.62 | 82.5 | 174.96 | 1,154.92 | 1,226.22 |
| Teeswater..... | 57.00 | 52.50 | 43,168.63 | 105.7 | 224.16 | 1,998.14 | 2,039.64 |
| Thornton..... | 70.00 | 60.50 | 12,407.82 | 26.7 | 56.62 | 425.92 | 586.28 |
| Tottenham..... | 88.00 | 88.00 | 40,395.22 | 58.9 | 124.91 | 1,302.72 | 1,913.93 |
| Uxbridge..... | 52.00 | 48.50 | 82,406.32 | 221.8 | 470.38 | 3,042.64 | 3,893.75 |
| Victoria Harbour..... | 42.00 | 40.00 | 20,847.68 | 68.6 | 145.48 | 1,130.92 | 984.85 |
| Walkerton..... | 36.00 | 34.50 | 122,096.03 | 495.5 | 1,050.83 | 5,463.31 | 5,766.84 |
| Waubashene..... | 42.00 | 40.00 | 15,408.16 | 61.3 | 130.00 | 813.46 | 727.95 |
| Warton..... | 65.00 | 61.00 | 110,835.51 | 236.1 | 500.71 | 3,687.56 | 5,237.17 |
| Windermere..... | 70.00 | 62.50 | 17,468.60 | 38.2 | ..... | 684.97 | 825.53 |
| Wingham..... | 56.00 | 52.50 | 138,414.67 | 321.1 | 680.97 | 5,815.72 | 6,540.05 |
| Woodville..... | 58.00 | 54.00 | 21,480.13 | 53.6 | 113.67 | 937.71 | 1,014.91 |
| Totals—Municipalities..... | | | 6,060,340.94 | 21,517.8 | 42,217.16 | 255,873.25 | 286,231.78 |
| RURAL POWER DISTRICTS | | | | | | | |
| Alliston R.P.D.—Essa, Tecumseth and Tossorontio twps..... | | | 29,321.06 | 84.8 | 179.84 | 1,036.24 | 1,385.26 |
| Arthur R.P.D.—Luther E. and Luther W. twps..... | | | 1,504.62 | 3.9 | 8.27 | 64.05 | 71.08 |
| Bala R.P.D.—Medora and Wood twp..... | | | 40,302.48 | 164.5 | 348.86 | 1,828.24 | 1,902.68 |
| Barrie R.P.D.—Innisfil, Oro and Vesperra twps..... | | | 84,865.35 | 287.7 | 610.14 | 3,121.16 | 4,008.97 |
| Baysville R.P.D.—Franklin, Macaulay, McLean, Ridout and Sherbourne twps..... | | | 22,138.85 | 76.3 | ..... | 926.49 | 1,032.85 |
| Beaumaris R.P.D.—Macaulay, Medora and Wood, Monck and Muskoka twps..... | | | 41,236.39 | 191.2 | ..... | 2,006.72 | 1,948.86 |
| Beaverton R.P.D.—Brock, Georgina, Mara and Thorah twps..... | | | 46,955.50 | 162.1 | 343.78 | 2,532.73 | 2,218.07 |
| Beeton R.P.D.—Tecumseth twp..... | | | 2,707.96 | 5.0 | 10.60 | 79.14 | 127.97 |
| Bradford R.P.D.—Gwillimbury W., King and Tecumseth twps..... | | | 20,408.78 | 47.3 | 100.31 | 664.10 | 964.18 |
| Bruce R.P.D.—Amabel, Brant, Carrick, Culross, Greenock and Saugeen twps..... | | | 51,094.40 | 141.9 | 300.94 | 1,828.25 | 2,413.97 |

SYSTEM

G.B.—COST OF POWER

the Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Municipality of power supplied to it in the year ending October 31, 1936

| costs and fixed charges | | | Cost in excess of revenue from power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|---|-----------------------------|--------------|--|--|---|--|----------|
| Provision for depreciation and obsolescence | Provision for contingencies | Sinking fund | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 58.18 | 17.40 | 45.58 | 5.04 | 773.72 | 877.50 | 103.78 | ..... |
| 489.40 | 93.86 | 312.33 | 18.42 | 3,625.53 | 3,735.63 | 110.10 | ..... |
| 496.14 | 87.13 | 298.07 | 12.41 | 3,023.94 | 3,261.72 | 237.78 | ..... |
| 956.41 | 260.70 | 740.54 | 79.84 | 9,193.13 | 9,721.44 | 528.31 | ..... |
| 1,038.32 | 263.93 | 778.03 | 77.94 | 8,788.28 | 8,586.81 | ..... | 201.47 |
| 778.77 | 224.81 | 624.70 | 72.32 | 7,602.26 | 8,389.80 | 787.54 | ..... |
| 386.12 | 86.28 | 267.68 | 21.69 | 3,216.14 | 3,398.85 | 182.71 | ..... |
| 358.36 | 99.74 | 273.14 | 28.45 | 3,315.79 | 3,507.98 | 192.19 | ..... |
| 657.39 | 166.91 | 454.32 | 36.45 | 5,577.01 | 5,548.90 | ..... | 28.11 |
| 196.13 | 44.87 | 130.59 | 9.21 | 1,449.62 | 1,612.79 | 163.17 | ..... |
| 695.21 | 125.36 | 426.32 | 20.31 | 4,608.76 | 5,180.95 | 572.19 | ..... |
| 1,216.07 | 277.96 | 867.32 | 76.49 | 9,844.61 | 10,758.07 | 913.46 | ..... |
| 283.28 | 78.56 | 219.37 | 23.66 | 2,866.12 | 2,744.65 | ..... | 121.47 |
| 1,371.77 | 463.76 | 1,284.54 | 170.89 | 15,571.94 | 17,093.49 | 1,521.55 | ..... |
| 188.79 | 61.50 | 162.15 | 21.14 | 2,104.99 | 2,451.31 | 346.32 | ..... |
| 1,756.64 | 362.91 | 1,166.56 | 81.43 | 12,792.98 | 14,402.57 | 1,609.59 | ..... |
| 274.98 | 61.00 | 183.88 | 13.17 | 2,043.53 | 2,385.39 | 341.86 | ..... |
| 2,142.57 | 474.68 | 1,456.77 | 110.74 | 17,221.50 | 16,859.91 | ..... | 361.59 |
| 325.16 | 71.68 | 226.07 | 18.48 | 2,707.68 | 2,891.70 | 184.02 | ..... |
| 79,069.84 | 21,953.65 | 63,757.06 | 7,421.08 | 756,523.82 | 812,344.93 | 57,552.04 | 1,730.93 |
| 421.18 | 101.84 | 308.56 | 29.24 | 3,462.16 | 3,462.16 | see page | 241 |
| 22.48 | 5.22 | 15.83 | 1.35 | 188.28 | 188.28 | " | " |
| 455.47 | 152.17 | 423.81 | 56.72 | 5,167.95 | 5,167.95 | " | " |
| 1,136.68 | 333.77 | 892.98 | 99.22 | 10,202.92 | 10,202.92 | " | " |
| 288.62 | 93.93 | 230.06 | 26.31 | 2,598.26 | 2,598.26 | " | " |
| 452.74 | 169.12 | 434.10 | 65.94 | 5,077.48 | 5,077.48 | " | " |
| 623.22 | 173.79 | 494.07 | 55.91 | 6,441.57 | 6,441.57 | " | " |
| 44.41 | 8.66 | 28.50 | 1.72 | 301.00 | 301.00 | " | " |
| 315.93 | 70.08 | 214.77 | 16.31 | 2,345.68 | 2,345.68 | " | " |
| 736.56 | 182.54 | 537.70 | 48.94 | 6,048.90 | 6,048.90 | " | " |

GEORGIAN BAY

Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual cost

| Rural power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Share of operating | | | |
|--|---|--|-------------------------|--|----------|-------|
| | | | Cost of power purchased | Operating, maintenance and administrative expenses | Interest | |
| | \$ c. | | \$ c. | \$ c. | \$ c. | \$ c. |
| Buckskin R.P.D. —Matchedash, Medora and Wood twps..... | 5,568.88 | 14.9 | 31.60 | 250.62 | 263.51 | |
| Cannington R.P.D. —Brock, Eldon and Mariposa twps..... | 14,415.60 | 44.7 | 94.80 | 612.74 | 680.99 | |
| Chatsworth R.P.D. —Holland twp..... | 3,738.57 | 8.3 | 17.60 | 191.87 | 176.65 | |
| Cookstown R.P.D. —Essa, Innisfil and Tecumseth twps..... | 431.76 | 1.2 | 2.54 | 14.88 | 20.40 | |
| Creemore R.P.D. —Nottawasaga, Osprey, Sunnidale and Tossorontio twps..... | 17,313.60 | 55.0 | 116.64 | 679.18 | 817.95 | |
| Dundalk R.P.D. —Melancthon and Proton twps..... | 1,599.80 | 6.2 | 13.15 | 68.36 | 75.57 | |
| Elmvale R.P.D. —Flos, Medonte, Oro and Vespra twps..... | 19,717.99 | 65.4 | 138.70 | 700.62 | 931.48 | |
| Flesherton R.P.D. —Artemesia twp..... | 2,450.50 | 7.8 | 16.54 | 114.66 | 115.77 | |
| Gravenhurst R.P.D. —Muskoka twp..... | 6,300.15 | 31.9 | | 357.48 | 297.61 | |
| Hawkestone R.P.D. —Medonte, Orillia and Oro twp..... | 713.46 | 84.5 | 1,858.99 | 45.33 | 33.72 | |
| Holstein R.P.D. —Bentinck, Egremont and Normanby twps..... | | | | | | |
| Huntsville R.P.D. —Brunel, Chaffey, Franklin and Sinclair twps..... | 19,102.16 | 75.2 | | 1,083.47 | 902.53 | |
| Innisfil R.P.D. —Gwillimbury W. and Innisfil twps..... | 80,656.78 | 236.8 | 502.19 | 2,923.51 | 3,811.10 | |
| Lucknow R.P.D. —Kinloss twp..... | | | | | | |
| Mariposa R.P.D. —Brock, Mariposa and Reach twps..... | 47,113.57 | 156.4 | 331.69 | 1,891.86 | 2,225.62 | |
| Markdale R.P.D. —Artemesia, Euphrasia, Glenelg and Holland twps..... | 12,964.01 | 42.4 | 89.92 | 527.14 | 612.43 | |
| Meaford R.P.D. —St. Vincent twp..... | 3,397.13 | 11.3 | 23.96 | 149.88 | 160.52 | |
| Medonte R.P.D. —Baxter and Tay twps..... | 9,571.22 | 29.6 | 62.77 | 371.08 | 372.21 | |
| Midland R.P.D. —Flos, Medonte, Tay and Tiny twps..... | 22,715.06 | 83.7 | 177.50 | 1,024.73 | 1,053.86 | |
| Minden R.P.D. —Anson and Hindon, and Minden twps..... | | 20.9 | 459.54 | 27.63 | | |
| Neustadt R.P.D. —Bentinck and Normanby twps..... | 618.82 | 2.3 | 4.88 | 23.25 | 29.24 | |
| Nottawasaga R.P.D. —Nottawasaga twp..... | 9,893.26 | 32.5 | 68.92 | 411.18 | 467.34 | |
| Orangeville R.P.D. —Amaranth, Caledon, Erin and Garafraxa E. twps..... | 15,264.94 | 42.1 | 89.28 | 541.40 | 721.02 | |
| Owen Sound R.P.D. —Derby, Sarawak and Sydenham twps..... | 11,228.57 | 45.6 | 96.71 | 440.00 | 529.73 | |
| Port Perry R.P.D. —Cartwright, Manvers, Reach and Scugog twps..... | 47,722.11 | 122.7 | 260.22 | 1,792.83 | 2,254.93 | |

SYSTEM

G.B.—COST OF POWER

the Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Municipality of power supplied to it in the year ending October 31, 1936

| costs and fixed charges | | | Cost in excess of revenue from power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|---|-----------------------------|--------------|--|--|---|--|---------|
| Provision for depreciation and obsolescence | Provision for contingencies | Sinking fund | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 82.51 | 24.11 | 58.70 | 5.14 | 716.19 | 716.19 | see page | 241 |
| 201.19 | 51.21 | 151.69 | 15.42 | 1,808.04 | 1,808.04 | " | " |
| 58.60 | 16.36 | 39.35 | 2.86 | 503.29 | 503.29 | " | " |
| 6.30 | 1.59 | 4.54 | 0.41 | 50.66 | 50.66 | " | " |
| 239.11 | 63.32 | 182.20 | 18.97 | 2,117.37 | 2,117.37 | " | " |
| 19.91 | 6.03 | 16.83 | 2.14 | 201.99 | 201.99 | " | " |
| 266.92 | 80.24 | 207.48 | 22.55 | 2,347.99 | 2,347.99 | " | " |
| 30.43 | 9.87 | 25.79 | 2.69 | 315.75 | 315.75 | " | " |
| 63.88 | 25.12 | 66.29 | 11.00 | 821.38 | 821.38 | " | " |
| 14.26 | 3.57 | 7.51 | 29.14 | 1,992.52 | 1,992.52 | " | " |
| 235.60 | 72.60 | 201.04 | 25.93 | 2,521.17 | 2,521.17 | " | " |
| 1,151.93 | 287.05 | 848.91 | 81.67 | 9,606.36 | 9,606.36 | " | " |
| 637.49 | 169.31 | 495.75 | 53.94 | 5,805.66 | 5,805.66 | " | " |
| 173.54 | 53.52 | 136.42 | 14.62 | 1,607.59 | 1,607.59 | " | " |
| 45.94 | 12.08 | 35.76 | 3.90 | 432.04 | 432.04 | " | " |
| 97.87 | 31.69 | 82.91 | 10.21 | 1,028.74 | 1,028.74 | " | " |
| 283.11 | 82.86 | 234.75 | 28.87 | 2,885.68 | 2,885.68 | " | " |
| | | | 7.21 | 494.38 | 494.38 | " | " |
| 7.90 | 2.34 | 6.51 | 0.79 | 74.91 | 74.91 | " | " |
| 134.53 | 37.06 | 104.10 | 11.21 | 1,234.34 | 1,234.34 | " | " |
| 223.18 | 54.37 | 160.60 | 14.52 | 1,804.37 | 1,804.37 | " | " |
| 135.45 | 41.99 | 118.00 | 15.73 | 1,377.61 | 1,377.61 | " | " |
| 715.45 | 168.37 | 502.28 | 42.32 | 5,736.40 | 5,736.40 | " | " |

GEORGIAN BAY

Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual cost

| Rural power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Share of operating | | |
|---|---|--|-------------------------|--|------------|
| | | | Cost of power purchased | Operating, maintenance and administrative expenses | Interest |
| | \$ c. | | \$ c. | \$ c. | \$ c. |
| Ripley R.P.D.—Huron, Kincardine and Kinloss twps..... | 4,528.13 | 11.1 | 23.54 | 193.21 | 213.97 |
| Sauble R.P.D.—Albermarle, Amabel and Keppel twps..... | 9,844.22 | 21.2 | 44.96 | 319.10 | 465.13 |
| Shelburne R.P.D.—Amaranth, Melancthon and Mulmur twps..... | 14,341.05 | 43.8 | 92.89 | 576.25 | 677.51 |
| Sparrow Lake R.P.D.—Matchedash, Morrison, Orillia and Rama twps..... | 34,280.61 | 144.9 | 307.30 | 1,312.88 | 1,619.07 |
| Tara R.P.D.—Amabel, Arran, Derby, Keppel and Sullivan twps..... | 19,118.39 | 59.7 | 126.61 | 860.52 | 903.22 |
| Thornton R.P.D.—Essa twp..... | 6,585.18 | 13.1 | 27.78 | 175.97 | 311.16 |
| Tottenham R.P.D.—Tecumseth twp..... | 137.14 | 0.2 | 0.42 | 3.86 | 6.47 |
| Utterson R.P.D.—Brunel, Cardwell, Humphrey, Medora and Wood, Stephenson and Watt twps..... | 21,099.16 | 57.2 | | 643.85 | 997.03 |
| Uxbridge R.P.D.—Brock, Georgina, Reach, Scott and Uxbridge twps..... | 42,693.38 | 113.4 | 240.49 | 1,567.17 | 2,017.28 |
| Wasaga Beach R.P.D.—Flos, Nottawasaga, Sunnidale and Tiny twps..... | 52,264.28 | 184.6 | 391.49 | 2,026.12 | 2,468.83 |
| Wroxeter R.P.D.—Howick, Morris and Turnberry twps..... | 51,911.40 | 113.3 | 240.28 | 2,075.63 | 2,453.69 |
| Totals—Rural power districts..... | 949,836.27 | 3,148.6 | 7,856.64 | 38,085.38 | 44,761.43 |
| Totals—Municipalities..... | 6,060,340.94 | 21,517.8 | 42,217.16 | 255,873.25 | 286,231.78 |
| Totals—Rural power districts..... | 949,836.27 | 3,148.6 | 7,856.64 | 38,085.38 | 44,761.43 |
| Totals—Companies and distributing systems..... | 557,764.99 | 1,637.2 | 3,472.11 | 24,252.71 | 26,288.52 |
| | 7,567,942.20 | | | | |
| Non-operating capital..... | 4,320.56 | | | | |
| Grand totals..... | 7,572,262.76 | 26,303.6 | 53,545.91 | 318,211.34 | 357,281.73 |

SYSTEM

G.B.—COST OF POWER

the Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Municipality of power supplied to it in the year ending October 31, 1936

| costs and fixed charges | | | Cost in excess of revenue from power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|---|-----------------------------|--------------|--|--|---|--|----------|
| Provision for depreciation and obsolescence | Provision for contingencies | Sinking fund | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 68.95 | 15.38 | 47.66 | 3.82 | 566.53 | 566.53 | see page | 241 |
| 155.56 | 35.15 | 103.61 | 7.31 | 1,130.82 | 1,130.82 | " | " |
| 201.46 | 54.46 | 150.91 | 15.11 | 1,768.59 | 1,768.59 | " | " |
| 403.24 | 134.64 | 360.64 | 49.97 | 4,187.74 | 4,187.74 | " | " |
| 266.05 | 76.70 | 201.19 | 20.58 | 2,454.87 | 2,454.87 | " | " |
| 106.17 | 24.50 | 69.31 | 4.52 | 719.41 | 719.41 | " | " |
| 2.35 | 0.42 | 1.44 | 0.07 | 15.03 | 15.03 | " | " |
| 310.60 | 74.88 | 222.08 | 19.73 | 2,268.17 | 2,268.17 | " | " |
| 632.96 | 144.92 | 449.34 | 39.11 | 5,091.27 | 5,091.27 | " | " |
| 685.55 | 197.90 | 549.92 | 63.66 | 6,383.47 | 6,383.47 | " | " |
| 817.79 | 182.94 | 546.55 | 39.07 | 6,355.95 | 6,355.95 | " | " |
| 12,973.07 | 3,527.67 | 9,970.44 | 1,085.85 | 118,260.48 | 118,260.48 | | |
| 79,069.84 | 21,953.65 | 63,757.06 | 7,421.08 | 756,523.82 | 812,344.93 | 57,552.04 | 1,730.93 |
| 12,973.07 | 3,527.67 | 9,970.44 | 1,085.85 | 118,260.48 | 118,260.48 | | |
| 7,857.61 | 2,569.66 | 5,853.15 | (8,506.93) | 61,786.83 | 61,786.83 | | |
| 99,900.52 | 28,050.98 | 79,580.65 | | 936,571.13 | 992,392.24 | 57,552.04 | 1,730.93 |

GEORGIAN BAY SYSTEM—

Statement showing the costs of distribution of power within each Rural Power and the amounts remaining to be credited to certain Districts or charged to annual adjustment) of the actual costs

| Rural power district | Total capital cost of each district, Provincial Government grant received and applied there against, and the balance representing the investment by the Commission | | | Cost of power delivered to districts as shown in "cost of power" table preceding |
|-----------------------|--|------------------|-------------------------|--|
| | Total capital cost | Government grant | Commission's investment | |
| | \$ c. | \$ c. | \$ c. | \$ c. |
| Alliston R.P.D. | 41,263.04 | 20,882.80 | 20,882.80 | 3,462.16 |
| Arthur R.P.D. | *4,829.58 | 2,286.39 | 2,543.19 | 188.28 |
| Bala R.P.D. | *91,592.66 | 45,045.81 | 46,546.85 | 5,167.95 |
| Barrie R.P.D. | 147,800.15 | 73,900.07 | 73,900.08 | 10,202.92 |
| Baysville R.P.D. | 74,410.58 | 37,205.29 | 37,205.29 | 2,598.26 |
| Beaumaris R.P.D. | 111,862.80 | 55,931.40 | 55,931.40 | 5,077.48 |
| Beaverton R.P.D. | *71,562.56 | 35,435.13 | 36,127.43 | 6,441.57 |
| Beeton R.P.D. | 3,018.23 | 1,509.11 | 1,509.12 | 301.00 |
| Bradford R.P.D. | 38,472.60 | 19,071.23 | 19,401.37 | 2,345.68 |
| Bruce R.P.D. | 64,162.98 | 30,560.72 | 33,602.26 | 6,048.90 |
| Buckskin R.P.D. | 5,690.80 | 2,845.40 | 2,845.40 | 716.19 |
| Cannington R.P.D. | *18,503.89 | 7,851.10 | 10,652.79 | 1,808.04 |
| Chatsworth R.P.D. | 1,497.32 | 748.66 | 748.66 | 503.29 |
| Cookstown R.P.D. | 1,234.60 | 617.30 | 617.30 | 50.66 |
| Creemore R.P.D. | *46,906.26 | 22,666.33 | 24,239.93 | 2,117.37 |
| Dundalk R.P.D. | 5,803.71 | 2,901.86 | 2,901.85 | 201.99 |
| Elmvale R.P.D. | 40,349.71 | 20,041.68 | 20,308.03 | 2,347.99 |
| Flesherton R.P.D. | *5,661.12 | 2,643.79 | 3,017.33 | 315.75 |
| Gravenhurst R.P.D. | 10,947.36 | 5,473.68 | 5,473.68 | 821.38 |
| Hawkestone R.P.D. | 61,816.15 | 30,908.07 | 30,908.08 | 1,992.52 |
| Holstein R.P.D. | 1,900.53 | 950.26 | 950.27 | ..... |
| Huntsville R.P.D. | 69,756.92 | 34,878.46 | 34,878.46 | 2,521.17 |
| Innisfil R.P.D. | 110,556.99 | 55,278.49 | 55,278.50 | 9,606.36 |
| Lucknow R.P.D. | 637.09 | 318.55 | 318.54 | ..... |
| Mariposa R.P.D. | 82,312.13 | 41,156.07 | 41,156.06 | 5,805.66 |
| Markdale R.P.D. | *30,520.02 | 15,133.94 | 15,386.08 | 1,607.59 |
| Meaford R.P.D. | 9,233.14 | 4,616.57 | 4,616.57 | 432.04 |
| Medonte R.P.D. | 55,640.94 | 27,820.47 | 27,820.47 | 1,028.74 |
| Midland R.P.D. | 72,245.14 | 36,122.57 | 36,122.57 | 2,885.68 |
| Minden R.P.D. | 6,392.12 | 3,196.06 | 3,196.06 | 494.38 |
| Neustadt R.P.D. | *1,742.04 | 824.33 | 917.71 | 74.91 |
| Nottawasaga R.P.D. | 17,509.15 | 8,754.57 | 8,754.58 | 1,234.34 |
| Orangeville R.P.D. | 36,952.48 | 18,476.24 | 18,476.24 | 1,804.37 |
| Owen Sound R.P.D. | 35,929.31 | 17,964.65 | 17,964.66 | 1,377.61 |
| Port Perry R.P.D. | 87,451.46 | 43,725.73 | 43,725.73 | 5,736.40 |
| Ripley R.P.D. | *9,783.55 | 4,658.31 | 5,125.24 | 566.53 |
| Sauble R.P.D. | 12,981.28 | 6,490.64 | 6,490.64 | 1,130.82 |
| Shelburne R.P.D. | 26,325.75 | 12,535.05 | 13,790.70 | 1,768.59 |
| Sparrow Lake R.P.D. | 103,853.63 | 51,926.81 | 51,926.82 | 4,187.74 |
| Tara R.P.D. | 46,160.29 | 23,080.15 | 23,080.14 | 2,454.87 |
| Thornton R.P.D. | 9,440.39 | 4,720.20 | 4,720.19 | 719.41 |
| Tottenham R.P.D. | 555.36 | 277.68 | 277.68 | 15.03 |
| Utterson R.P.D. | *58,061.60 | 28,074.49 | 29,987.11 | 2,268.17 |
| Uxbridge R.P.D. | 89,635.14 | 44,817.57 | 44,817.57 | 5,091.27 |
| Wasaga Beach R.P.D. | 79,936.55 | ..... | 79,936.55 | 6,383.47 |
| Wroxeter R.P.D. | 77,021.42 | 37,093.86 | 39,927.56 | 6,355.95 |
| Total capital | 1,979,920.52 | 940,914.98 | 1,039,005.54 | ..... |
| Non-operating capital | 3,425.10 | 1,712.55 | 1,712.55 | ..... |
| Grand totals | 1,983,345.62 | 942,627.53 | 1,040,718.09 | 118,260.48 |

Note—Items marked * include portions of transmission lines aggregating \$9,868.63 used for purposes of rural power districts.

RURAL POWER DISTRICTS

G.B.—RURAL OPERATING

District, the revenues collected from (or charged to) customers within each District; the Municipalities comprising certain other Districts upon ascertainment (by in the year ending October 31, 1936

| Distribution costs and fixed charges | | | | Total Cost | Revenue from power and light customers in each District | Amounts remaining to be credited to certain districts or charged to the municipalities comprising certain other districts | |
|---|-----------|---|--------------|------------|---|---|-----------|
| Cost of operation, maintenance and administration | Interest | Provision for depreciation and obsolescence | Sinking fund | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 1,719.96 | 963.31 | 704.43 | 214.55 | 7,064.41 | 7,166.12 | 101.71 | |
| 126.52 | 117.97 | 80.92 | 26.27 | 539.96 | 596.10 | 56.14 | |
| 4,188.66 | 1,971.25 | 1,422.16 | 439.09 | 13,189.11 | 11,558.41 | | 1,630.70 |
| 4,219.29 | 3,172.32 | 2,348.69 | 706.63 | 20,649.85 | 22,092.75 | 1,442.90 | |
| 1,334.88 | 1,745.30 | 1,292.16 | 388.76 | 7,359.36 | 6,370.79 | | 988.57 |
| 4,045.19 | 2,422.15 | 1,793.30 | 539.53 | 13,877.65 | 13,947.18 | 69.53 | |
| 2,722.33 | 1,636.74 | 1,198.31 | 364.58 | 12,363.53 | 11,858.22 | | 505.31 |
| 65.65 | 71.35 | 52.83 | 15.89 | 506.72 | 260.21 | | 246.51 |
| 1,056.38 | 901.22 | 661.45 | 200.75 | 5,165.48 | 4,356.67 | | 808.81 |
| 1,563.98 | 1,579.27 | 1,080.80 | 351.79 | 10,624.74 | 12,213.68 | 1,588.94 | |
| 131.78 | 105.97 | 78.45 | 23.60 | 1,055.99 | 618.36 | | 437.63 |
| 1,376.87 | 501.89 | 302.68 | 111.80 | 4,101.28 | 3,612.56 | | 488.72 |
| 161.89 | 35.39 | 26.20 | 7.88 | 734.65 | 643.95 | | 90.70 |
| 51.29 | 28.18 | 20.86 | 6.28 | 157.27 | 146.18 | | 11.09 |
| 1,318.67 | 1,141.88 | 809.58 | 254.36 | 5,641.86 | 4,771.19 | | 870.67 |
| 203.58 | 102.30 | 75.74 | 22.79 | 606.40 | 499.70 | | 106.70 |
| 1,450.21 | 958.28 | 704.81 | 213.45 | 5,674.74 | 6,390.02 | 715.28 | |
| 458.38 | 142.10 | 95.88 | 31.65 | 1,043.76 | 787.77 | | 255.99 |
| 226.62 | 186.51 | 138.09 | 41.55 | 1,414.15 | 1,345.32 | | 68.83 |
| 1,779.74 | 1,362.56 | 1,008.80 | 303.51 | 6,447.13 | 6,448.01 | 0.88 | |
| 3.03 | 44.92 | 33.25 | 10.01 | 91.21 | | | 91.21 |
| 1,612.73 | 1,483.28 | 1,098.18 | 330.40 | 7,045.76 | 6,076.97 | | 968.79 |
| 3,893.24 | 2,470.40 | 1,829.01 | 550.27 | 18,349.28 | 20,576.48 | 2,227.20 | |
| 1.25 | 15.06 | 11.15 | 3.35 | 30.81 | | | 30.81 |
| 2,767.14 | 1,917.49 | 1,419.65 | 427.11 | 12,337.05 | 14,337.93 | 2,000.88 | |
| 1,304.67 | 724.61 | 530.17 | 161.40 | 4,328.44 | 3,465.62 | | 862.82 |
| 32.07 | 109.86 | 81.34 | 24.47 | 679.78 | 532.30 | | 147.48 |
| 968.24 | 717.40 | 531.14 | 159.80 | 3,405.32 | 2,413.13 | | 992.19 |
| 2,044.91 | 1,310.65 | 970.38 | 291.95 | 7,503.57 | 6,267.74 | | 1,235.83 |
| 347.81 | 120.64 | 89.31 | 26.87 | 1,079.01 | 1,165.19 | 86.18 | |
| 13.08 | 33.36 | 22.37 | 7.43 | 151.15 | 211.85 | 60.70 | |
| 883.46 | 412.15 | 305.15 | 91.80 | 2,926.90 | 3,047.26 | 120.36 | |
| 555.08 | 863.94 | 639.66 | 192.44 | 4,055.49 | 3,618.49 | | 437.00 |
| 1,043.04 | 680.78 | 504.04 | 151.64 | 3,757.11 | 3,681.64 | | 75.47 |
| 2,724.37 | 2,037.48 | 1,508.50 | 453.84 | 12,460.59 | 13,329.04 | 868.45 | |
| 207.18 | 234.55 | 161.98 | 52.24 | 1,222.48 | 694.86 | | 527.62 |
| 516.24 | 235.63 | 174.46 | 52.49 | 2,109.64 | 2,060.63 | | 49.01 |
| 839.57 | 613.11 | 431.94 | 136.57 | 3,789.78 | 2,889.58 | | 900.20 |
| 2,370.50 | 2,221.69 | 1,644.88 | 494.83 | 10,919.64 | 11,125.35 | 205.71 | |
| 2,106.48 | 786.22 | 582.10 | 175.13 | 6,104.80 | 5,206.26 | | 898.54 |
| 189.65 | 223.14 | 165.20 | 49.70 | 1,347.10 | 1,149.83 | | 197.27 |
| 39.30 | 6.56 | 4.87 | 1.46 | 67.22 | 34.45 | | 32.77 |
| 2,421.87 | 1,275.24 | 896.34 | 284.06 | 7,145.68 | 7,310.67 | 164.99 | |
| 2,192.12 | 2,016.38 | 1,492.87 | 449.14 | 11,241.78 | 9,756.25 | | 1,485.53 |
| 2,275.07 | 3,605.07 | 1,334.55 | 803.03 | 14,401.19 | 16,350.46 | 1,949.27 | |
| 2,167.93 | 1,885.41 | 1,346.50 | 419.98 | 12,175.77 | 12,593.04 | 417.27 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 61,721.90 | 45,190.96 | 31,705.13 | 10,066.12 | 266,944.59 | 263,578.21 | 12,076.39 | 15,442.77 |

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

GEORGIAN BAY

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1936, and the accumulated amount standing

| Municipality | Date commenced operating | Net credit or charge at October 31, 1935 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|----------------------|--------------------------|--|--------|--|-----------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Alliston..... | June 1918 | 436.28 | | | 436.28 |
| Arthur..... | Dec. 1916 | 1,118.34 | | | 1,118.34 |
| Barrie..... | April 1913 | 11,072.30 | | | 11,072.30 |
| Beaverton..... | Nov. 1914 | 1,011.74 | | | 1,011.74 |
| Beeton..... | Aug. 1918 | 248.79 | | | 248.79 |
| Bradford..... | Oct. 1918 | 1,731.49 | | | 1,731.49 |
| Brechin..... | Jan. 1915 | 608.86 | | | 608.86 |
| Cannington..... | Nov. 1914 | 696.76 | | | 696.76 |
| Chatsworth..... | Dec. 1915 | 269.93 | | | 269.93 |
| Chesley..... | July 1916 | 2,188.80 | | | 2,188.80 |
| Coldwater..... | Mar. 1913 | 869.23 | | | 869.23 |
| Collingwood..... | Mar. 1913 | 4,429.55 | | | 4,429.55 |
| Cookstown..... | May 1918 | 548.74 | | | 548.74 |
| Creemore..... | Nov. 1914 | 280.18 | | | 280.18 |
| Dundalk..... | Dec. 1915 | 1,242.66 | | | 1,242.66 |
| Durham..... | Dec. 1915 | 1,700.54 | | | 1,700.54 |
| Elmvale..... | June 1913 | 475.96 | | | 475.96 |
| Elmwood..... | April 1918 | 276.31 | | | 276.31 |
| Flesherton..... | Dec. 1915 | 450.40 | | | 450.40 |
| Grand Valley..... | Dec. 1916 | 700.02 | | | 700.02 |
| Gravenhurst..... | Nov. 1915 | 1,754.42 | | | 1,754.42 |
| Hanover..... | Sept. 1916 | 3,820.71 | | | 3,820.71 |
| Holstein..... | May 1916 | 1,822.99 | | 33.59 | 1,701.85 |
| Huntsville..... | Sept. 1916 | 1,456.30 | | | 1,456.30 |
| Kincardine..... | Mar. 1921 | 4,582.98 | | | 4,582.98 |
| Kirkfield..... | June 1920 | 91.96 | | 93.13 | 185.09 |
| Lucknow..... | Jan. 1921 | 2,581.44 | | | 2,581.44 |
| Markdale..... | Mar. 1916 | 542.08 | | | 542.08 |
| Meaford..... | Jan. 1924 | 2,705.86 | | | 2,705.86 |
| Midland..... | July 1911 | 12,036.72 | | | 12,036.72 |
| Mildmay..... | Dec. 1932 | 856.09 | | | 856.09 |
| Mount Forest..... | Dec. 1915 | 2,154.11 | | | 2,154.11 |
| Neustadt..... | Dec. 1918 | 4,622.20 | | | 2,276.44 |
| Orangeville..... | July 1916 | 2,777.05 | | | 2,777.05 |
| Owen Sound..... | Dec. 1915 | 9,401.72 | | | 9,401.72 |
| Paisley..... | Sept. 1923 | 916.37 | | | 916.37 |
| Penetanguishene..... | July 1911 | 2,858.35 | | | 2,858.35 |
| Port Elgin..... | Mar. 1931 | | 839.03 | 839.03 | |
| Port McNicholl..... | Jan. 1915 | 404.99 | | | 404.99 |
| Port Perry..... | Sept. 1922 | 1,852.94 | | | 1,852.94 |
| Priceville..... | Mar. 1920 | 412.90 | | | 412.90 |
| Ripley..... | Jan. 1921 | 565.62 | | | 565.62 |
| Rosseau..... | July 1931 | 670.89 | | | 670.89 |
| Shelburne..... | July 1916 | 1,810.61 | | | 1,810.61 |
| Southampton..... | Feb. 1931 | | 698.55 | 698.55 | |

SYSTEM

G.B.—CREDIT OR CHARGE

supplied to it to October 31, 1935, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1936

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1936 | | Accumulated amount standing as a credit or charge on October 31, 1936 | |
|---|---------|---|---------|---|--------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 7.44 | | 1,833.34 | | 1,840.78 | |
| 14.91 | | 592.10 | | 607.01 | |
| 159.33 | | 6,312.58 | | 6,471.91 | |
| 17.86 | | 543.61 | | 561.47 | |
| 4.70 | | 915.98 | | 920.68 | |
| 32.21 | | 1,088.32 | | 1,120.53 | |
| 14.18 | | 204.36 | | 218.54 | |
| 11.53 | | 282.96 | | 294.49 | |
| 5.36 | | | 70.01 | | 64.65 |
| 36.78 | | 837.03 | | 873.81 | |
| 15.91 | | 900.17 | | 916.08 | |
| 70.80 | | 3,010.63 | | 3,081.43 | |
| 9.96 | | 309.61 | | 319.57 | |
| 5.05 | | 453.88 | | 458.93 | |
| 22.17 | | 499.31 | | 521.48 | |
| 30.38 | | 1,177.19 | | 1,207.57 | |
| 7.28 | | 195.98 | | 203.26 | |
| 4.47 | | 182.59 | | 187.06 | |
| 8.08 | | 268.80 | | 276.88 | |
| 10.26 | | 204.25 | | 214.51 | |
| 30.89 | | 1,870.90 | | 1,901.79 | |
| 63.57 | | 2,098.55 | | 2,162.12 | |
| 44.18 | | 344.51 | | 543.42 | |
| 24.19 | | 968.40 | | 992.59 | |
| 84.95 | | | 617.25 | | 532.30 |
| 1.93 | | | 7.53 | | 5.60 |
| 40.77 | | 484.89 | | 525.66 | |
| 9.52 | | 441.52 | | 451.04 | |
| 48.63 | | 692.80 | | 741.43 | |
| 214.63 | | 4,991.21 | | 5,205.84 | |
| 15.51 | | 410.71 | | 426.22 | |
| 38.59 | | 2,824.17 | | 2,862.76 | |
| 142.87 | | 238.93 | | 2,727.56 | |
| 49.24 | | 1,849.77 | | 1,899.01 | |
| 164.22 | | 8,632.50 | | 8,796.72 | |
| 16.49 | | 316.97 | | 333.46 | |
| 47.80 | | 2,394.77 | | 2,442.57 | |
| | 14.76 | | 323.50 | | 338.26 |
| 6.37 | | 218.34 | | 224.71 | |
| 33.11 | | 1,165.84 | | 1,198.95 | |
| 11.63 | | 103.78 | | 115.41 | |
| 10.16 | | 110.10 | | 120.26 | |
| 12.99 | | 237.78 | | 250.77 | |
| 33.13 | | 528.31 | | 561.44 | |
| | 10.99 | | 201.47 | | 212.46 |

GEORGIAN BAY

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1936, and the accumulated amount standing

| Municipality | Date commenced operating | Net credit or charge at October 31, 1935 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|----------------------------|--------------------------|--|----------|--|------------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Stayner..... | Oct. 1913 | 1,117.24 | | | 1,117.24 |
| Sunderland..... | Nov. 1914 | 338.11 | | | 338.11 |
| Tara..... | Feb. 1918 | 676.36 | | | 676.36 |
| Teeswater..... | Dec. 1920 | 917.26 | | | 917.26 |
| Thornton..... | Nov. 1918 | 502.98 | | | 502.98 |
| Tottenham..... | Oct. 1918 | 5.93 | | | 5.93 |
| Uxbridge..... | Sept. 1922 | 1,690.04 | | | 1,690.04 |
| Victoria Harbour..... | July 1914 | 372.33 | | | 372.33 |
| Walkerton..... | Feb. 1931 | 2,353.53 | | | 2,353.53 |
| Waubashene..... | Dec. 1914 | 217.25 | | | 217.25 |
| Wiarton..... | May 1931 | 1,977.31 | | | 1,977.31 |
| Windsor..... | June 1930 | 566.07 | | | 566.07 |
| Wingham..... | Dec. 1920 | 2,530.73 | | | 2,530.73 |
| Woodville..... | Nov. 1914 | 408.61 | | | 408.61 |
| Totals—Municipalities..... | | 104,729.93 | 1,537.58 | 1,664.30 | 102,356.16 |
| RURAL POWER DISTRICTS | | | | | |
| Alliston R.P.D..... | Nov. 1929 | 2,836.50 | | 40.00 | |
| Arthur R.P.D..... | Dec. 1929 | 73.34 | | | |
| Bala R.P.D..... | Jan. 1930 | | 3,037.31 | 240.00 | |
| Barrie R.P.D..... | Aug. 1923 | | 1,323.14 | 75.00 | |
| Baysville R.P.D..... | July 1932 | | 5,989.80 | 95.00 | |
| Beaumaris R.P.D..... | June 1928 | 996.81 | | | 49.23 |
| Beaverton R.P.D..... | Oct. 1926 | | 7,868.60 | 80.00 | |
| Beeton R.P.D..... | Sept. 1926 | | 800.70 | | |
| Bradford R.P.D..... | Aug. 1929 | | 4,097.08 | 20.00 | |
| Bruce R.P.D..... | Oct. 1931 | 820.75 | | 65.00 | |
| Buckskin R.P.D..... | July 1928 | | 1,939.05 | 20.00 | |
| Cannington R.P.D..... | May 1924 | 2,261.77 | | | 10.00 |
| Chatsworth R.P.D..... | Dec. 1928 | | 32.25 | 105.00 | |
| Cookstown R.P.D..... | Dec. 1930 | 161.54 | | | |
| Creemore R.P.D..... | Dec. 1930 | | 4,748.77 | 35.00 | |
| Dundalk R.P.D..... | Jan. 1936 | | | | |
| Elmvale R.P.D..... | Jan. 1924 | 885.85 | | | 10.00 |
| Flesherton R.P.D..... | Feb. 1922 | | 1,589.60 | | |
| Gravenhurst R.P.D..... | June 1929 | | 170.05 | | 5.00 |
| Hawkestone R.P.D..... | Aug. 1930 | | 2,703.42 | 370.81 | 74.00 |
| Holstein R.P.D..... | Mar. 1929 | | 142.13 | | |
| Huntsville R.P.D..... | Aug. 1931 | | 3,915.09 | | |
| Innisfil R.P.D..... | Feb. 1928 | | 1,478.10 | | |
| Lucknow R.P.D..... | Feb. 1924 | | 51.78 | | |
| Mariposa R.P.D..... | Sept. 1923 | 11,977.45 | | | 70.00 |

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

SYSTEM

G.B.—CREDIT OR CHARGE

supplied to it to October 31, 1935, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1936

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1936 | | Accumulated amount standing as a credit or charge on October 31, 1936 | |
|---|---------|---|----------|---|----------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 22.65 | | 787.54 | | 810.19 | |
| 5.76 | | 182.71 | | 188.47 | |
| 12.89 | | 192.19 | | 205.08 | |
| 16.71 | | | 28.11 | | 11.40 |
| 6.71 | | 163.17 | | 169.88 | |
| | | | | | |
| 0.10 | | 572.19 | | 572.29 | |
| 29.74 | | 913.46 | | 943.20 | |
| 5.99 | | | 121.47 | | 115.48 |
| 42.52 | | 1,521.55 | | 1,564.07 | |
| 3.70 | | 346.32 | | 350.02 | |
| | | | | | |
| 34.27 | | 1,609.59 | | 1,643.86 | |
| 9.47 | | 341.86 | | 351.33 | |
| 46.26 | | | 361.59 | | 315.33 |
| 6.90 | | 184.02 | | 190.92 | |
| 1,877.70 | 25.75 | 57,552.04 | 1,730.93 | 61,769.03 | 1,595.48 |
| | | | | | |
| 115.06 | | 101.71 | | 3,093.27 | |
| 2.93 | | 56.14 | | 132.41 | |
| | 111.89 | | 1,630.70 | | 4,539.90 |
| | 49.93 | 1,442.90 | | 144.83 | |
| | 235.79 | | 988.57 | | 7,119.16 |
| | | | | | |
| 38.10 | | 69.53 | | 1,055.21 | |
| | 311.54 | | 505.31 | | 8,605.45 |
| | 32.03 | | 246.51 | | 1,079.24 |
| | 163.08 | | 808.81 | | 5,048.97 |
| 35.43 | | 1,588.94 | | 2,510.12 | |
| | | | | | |
| | 76.76 | | 437.63 | | 2,433.44 |
| 90.07 | | | 488.72 | 1,853.12 | |
| | 2.91 | | 90.70 | | 20.86 |
| 6.46 | | | 11.09 | 156.91 | |
| | 188.55 | | 870.67 | | 5,772.99 |
| | | | | | |
| | | | 106.70 | | 106.70 |
| 35.03 | | 715.28 | | 1,626.16 | |
| | 63.58 | | 255.99 | | 1,909.17 |
| | 7.00 | | 68.83 | | 250.88 |
| | 94.83 | 0.88 | | | 2,500.56 |
| | | | | | |
| | 5.69 | | 91.21 | | 239.03 |
| | 156.60 | | 968.79 | | 5,040.48 |
| | 59.12 | 2,227.20 | | 689.98 | |
| | 2.07 | | 30.81 | | 84.66 |
| 476.30 | | 2,000.88 | | 14,384.63 | |

GEORGIAN BAY

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1936, and the accumulated amount standing

| Rural Power District | Date commenced operating | Net credit or charge at October 31, 1935 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|------------------------------|--------------------------|--|-----------|--|------------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Markdale R.P.D. | July 1924 | | 2,300.37 | 45.00 | |
| Meaford R.P.D. | Oct. 1928 | | 126.03 | | |
| Medonte R.P.D. | July 1930 | | 1,438.60 | | 100.00 |
| Midland R.P.D. | Nov. 1930 | | 795.23 | 15.00 | |
| Minden R.P.D. | Dec. 1935 | | | | |
| Neustadt R.P.D. | Nov. 1926 | | 94.51 | | |
| Nottawasaga R.P.D. | Jan. 1922 | 2,395.35 | | | |
| Orangeville R.P.D. | Aug. 1927 | | 3,661.48 | | 40.00 |
| Owen Sound R.P.D. | Mar. 1931 | | 717.49 | | 45.00 |
| Port Perry R.P.D. | Dec. 1922 | | 4,692.96 | 60.00 | |
| Ripley R.P.D. | Feb. 1922 | | 1,961.63 | 10.00 | |
| Sauble R.P.D. | Oct. 1931 | | 1,940.12 | 165.00 | |
| Shelburne R.P.D. | Feb. 1926 | | 4,777.11 | 85.00 | |
| Sparrow Lake R.P.D. | Oct. 1925 | 25.48 | | | 55.00 |
| Tara R.P.D. | Jan. 1925 | | 819.50 | | 25.00 |
| Thornton R.P.D. | Aug. 1930 | | 1,945.22 | 155.00 | |
| Tottenham R.P.D. | April 1936 | | | | |
| Utterson R.P.D. | June 1930 | 1,221.69 | | 80.00 | |
| Uxbridge R.P.D. | Sept. 1925 | | 8,631.53 | | 70.00 |
| Wasaga Beach R.P.D. | July 1923 | 17,042.62 | | | 255.00 |
| Wroxeter R.P.D. | Feb. 1929 | | 778.95 | 100.00 | |
| Totals—Rural power districts | | 40,699.15 | 74,567.60 | 1,860.81 | 808.23 |
| Totals—Municipalities | | 104,729.93 | 1,537.58 | 1,664.30 | 102,356.16 |
| Totals—Rural power districts | | 40,699.15 | 74,567.60 | 1,860.81 | 808.23 |
| Grand totals | | 145,429.08 | 76,105.18 | 3,525.11 | 103,164.39 |

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

SYSTEM

G.B.—CREDIT OR CHARGE

supplied to it to October 31, 1935, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1936

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1936 | | Accumulated amount standing as a credit or charge on October 31, 1936 | |
|---|----------|---|-----------|---|-----------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| | 90.21 | | 862.82 | | 3,208.40 |
| | 5.04 | | 147.48 | | 278.55 |
| | 61.54 | | 992.19 | | 2,592.33 |
| | 31.21 | | 1,235.83 | | 2,047.27 |
| | | 86.18 | | 86.18 | |
| | 3.78 | 60.70 | | | 37.59 |
| 95.81 | | 120.36 | | 2,611.52 | |
| | 148.06 | | 437.00 | | 4,286.54 |
| | 30.50 | | 75.47 | | 868.46 |
| | 185.32 | 868.45 | | | 3,949.83 |
| | 78.07 | | 527.62 | | 2,557.32 |
| | 71.00 | | 49.01 | | 1,895.13 |
| 1.18 | 187.68 | | 900.20 | | 5,779.99 |
| | | 205.71 | | 177.37 | |
| | 33.78 | | 898.54 | | 1,776.82 |
| | 71.61 | | 197.27 | | 2,059.10 |
| | | | 32.77 | | 32.77 |
| 52.07 | | 164.99 | | 1,518.75 | |
| | 348.06 | | 1,485.53 | | 10,535.12 |
| 671.50 | | 1,949.27 | | 19,408.39 | |
| | 27.16 | 417.27 | | | 288.84 |
| 1,619.94 | 2,934.39 | 12,076.39 | 15,442.77 | 49,448.85 | 86,945.55 |
| 1,877.70 | 25.75 | 57,552.04 | 1,730.93 | 61,769.03 | 1,595.48 |
| 1,619.94 | 2,934.39 | 12,076.39 | 15,442.77 | 49,448.85 | 86,945.55 |
| 3,497.64 | 2,960.14 | 69,628.43 | 17,173.70 | 111,217.88 | 88,541.03 |

GEORGIAN BAY SYSTEM

G.B.—SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, together with the proportionate share of other Sinking Funds, provided out of other revenues of the system, and interest allowed thereon to October 31, 1936

| Rural power district | Period of years ending Oct. 31, 1936 | Amount | Rural power district | Period of years ending Oct. 31, 1936 | Amount |
|----------------------|--------------------------------------|----------|------------------------------|--------------------------------------|----------------|
| | | \$ c. | | | \$ c. |
| Markdale R.P.D. | 13 years | 1,738.81 | Tara R.P.D. | 12 years | 3,345.76 |
| Meaford R.P.D. | 8 " | 132.11 | Thornton R.P.D. | 7 " | 850.57 |
| Medonte R.P.D. | 7 " | 1,025.27 | Tottenham R.P.D. | 1 " | 2.95 |
| Midland R.P.D. | 6 " | 1,488.67 | Utterson R.P.D. | 7 " | 2,937.74 |
| Minden R.P.D. | 1 " | 31.83 | Uxbridge R.P.D. | 12 " | 6,975.02 |
| Neustadt R.P.D. | 10 " | 58.54 | Wasaga Beach R.P.D. | 14 " | 12,274.94 |
| Nottawasaga R.P.D. | 15 " | 3,290.26 | Wroxeter R.P.D. | 7 " | 7,180.10 |
| Orangeville R.P.D. | 10 " | 2,752.53 | | | |
| Owen Sound R.P.D. | 6 " | 861.74 | Total—Rural power districts. | | \$142,636.34 |
| Port Perry R.P.D. | 14 " | 6,891.00 | | | |
| Ripley R.P.D. | 11 " | 654.80 | Total—Municipalities. | | \$1,185,337.97 |
| Sauble R.P.D. | 6 " | 644.86 | Total—Rural power districts. | | 142,636.34 |
| Shelburne R.P.D. | 11 " | 1,765.92 | | | |
| Sparrow Lake R.P.D. | 12 " | 6,939.85 | Grand total. | | \$1,327,974.31 |

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

GEORGIAN BAY SYSTEM—RURAL LINES

Statement showing Interest, Depreciation and Obsolescence, Contingencies and Sinking Fund charged by the Commission to the Municipalities which operate the respective rural lines for the year ending October 31, 1936

| Operated by | Capital cost | Interest | Provision for depreciation and obsolescence | Provision for contingencies | Provision for sinking fund | Total interest, depreciation and obsolescence contingencies and sinking fund charged |
|-------------|--------------|----------|---|-----------------------------|----------------------------|--|
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Brechin | 922.02 | 48.22 | 18.44 | 9.22 | 16.60 | 92.48 |
| Flesherton | 1,885.41 | 105.77 | 37.71 | 18.85 | 33.94 | 196.27 |
| Totals | 2,807.43 | 153.99 | 56.15 | 28.07 | 50.54 | 288.75 |

GEORGIAN BAY SYSTEM—RURAL LINES

Statement showing the total Sinking Fund paid in respect of each line, together with interest allowed thereon to October 31, 1936

| Lines operated by | Period of years ending October 31, 1936 | Amount |
|-------------------|---|----------|
| | | \$ c. |
| Brechin | 18 years | 393.55 |
| Flesherton | 19 " | 716.31 |
| Total | | 1,109.86 |

EASTERN ONTARIO

Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual cost

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Share of operating | | |
|---------------------|--|-----------------|---|--|-------------------------|--|------------|
| | To Oct. 31 1935 | To Oct. 31 1936 | | | Cost of power purchased | Operating, maintenance and administrative expenses | Interest |
| | \$ c. | \$ c. | \$ c. | | \$ c. | \$ c. | \$ c. |
| Alexandria..... | 63.00 | 58.50 | 85,321.17 | 188.7 | 1,385.96 | 2,080.74 | 3,938.33 |
| Apple Hill..... | 55.00 | 50.50 | 11,866.57 | 35.6 | 261.47 | 351.34 | 543.73 |
| Athens..... | 55.00 | 50.50 | 29,701.03 | 86.5 | 635.32 | 819.05 | 1,364.59 |
| Bath..... | 78.00 | 72.00 | 18,138.58 | 29.6 | 217.41 | 396.55 | 835.00 |
| Belleville..... | 35.00 | 32.00 | 835,575.15 | 4,406.6 | 32,365.47 | 30,456.20 | 38,027.51 |
| Bloomfield..... | 56.00 | 52.00 | 24,975.24 | 69.3 | 508.99 | 839.42 | 1,146.24 |
| Bowmanville..... | 38.00 | 35.00 | 404,033.26 | 1,884.2 | 13,839.02 | 15,035.38 | 18,344.59 |
| Brighton..... | 40.00 | 38.00 | 55,344.40 | 245.0 | 1,799.47 | 2,017.56 | 2,536.02 |
| Brockville..... | 32.00 | 30.00 | 461,264.64 | 2,749.8 | 20,196.65 | 16,496.29 | 21,075.34 |
| Cardinal..... | 38.00 | 34.50 | 30,707.72 | 174.0 | 1,278.00 | 1,335.89 | 1,399.10 |
| Carleton Place..... | 35.00 | 33.50 | 245,836.61 | 1,265.8 | 9,297.01 | 7,802.73 | 11,258.20 |
| Chesterville..... | 44.00 | 39.50 | 46,912.96 | 205.6 | 1,510.08 | 1,720.06 | 2,160.30 |
| Cobden..... | | 70.00 | 29,656.76 | 53.3 | 391.48 | 930.10 | 1,343.78 |
| Cobourg..... | 38.00 | 35.00 | 293,952.05 | 1,413.2 | 10,379.63 | 12,467.98 | 13,474.34 |
| Colborne..... | 40.00 | 37.50 | 30,910.98 | 131.5 | 965.84 | 1,103.00 | 1,407.94 |
| Deseronto..... | 53.00 | 53.00 | 43,993.22 | 126.0 | 925.44 | 1,337.97 | 2,028.69 |
| Finch..... | 61.00 | 55.00 | 20,528.80 | 59.0 | 433.34 | 597.54 | 944.67 |
| Hastings..... | 50.00 | 46.50 | 27,145.44 | 85.3 | 626.51 | 923.16 | 1,247.27 |
| Havelock..... | 53.00 | 51.00 | 49,151.94 | 132.8 | 975.39 | 1,492.86 | 2,262.27 |
| Kemptville..... | 42.00 | 39.00 | 75,238.38 | 313.5 | 2,302.59 | 2,653.01 | 3,451.38 |
| Lakefield..... | 46.00 | 44.00 | 63,142.10 | 224.5 | 1,648.90 | 2,011.36 | 2,901.31 |
| Lanark..... | 47.00 | 43.00 | 21,876.17 | 73.0 | 536.17 | 647.52 | 1,002.59 |
| Lancaster..... | 80.00 | 71.50 | 21,053.31 | 43.8 | 321.70 | 665.78 | 969.19 |
| Lindsay..... | 42.00 | 38.00 | 425,526.07 | 1,888.2 | 13,868.40 | 19,833.07 | 19,531.75 |
| Madoc..... | 46.00 | 43.50 | 41,231.70 | 151.8 | 1,114.94 | 2,081.48 | 1,899.94 |
| Marmora..... | 49.00 | 43.50 | 24,962.11 | 89.5 | 657.36 | 1,159.93 | 1,144.43 |
| Martintown..... | 50.00 | 46.50 | 6,812.70 | 26.5 | 194.64 | 420.75 | 308.93 |
| Maxville..... | 60.00 | 55.50 | 33,990.38 | 86.7 | 636.79 | 959.79 | 1,555.03 |
| Napanee..... | 38.00 | 35.50 | 205,253.71 | 982.3 | 7,214.77 | 7,447.48 | 9,411.35 |
| Norwood..... | 43.00 | 40.50 | 21,793.86 | 91.9 | 674.98 | 1,051.56 | 997.21 |
| Oshawa..... | 36.00 | 34.50 | 2,602,435.37 | 12,243.3 | 89,924.23 | 96,651.24 | 119,310.33 |
| Ottawa..... | 25.00 | 23.50 | 913,725.86 | 8,401.7 | 61,708.55 | 42,650.20 | 41,342.95 |
| Ottawa..... | | | | 18,877.9 | 207,657.09 | 114.24 | 44.86 |
| Perth..... | 33.00 | 31.00 | 225,932.61 | 1,267.0 | 9,305.82 | 8,834.27 | 10,332.42 |
| Peterborough..... | 32.00 | 30.00 | 1,274,808.95 | 7,194.3 | 52,840.48 | 42,846.61 | 58,297.64 |
| Pictou..... | 48.00 | 44.00 | 245,091.04 | 819.5 | 6,019.04 | 7,783.67 | 11,292.78 |
| Port Hope..... | 39.00 | 36.50 | 268,676.97 | 1,316.7 | 9,670.86 | 13,856.50 | 12,315.08 |
| Prescott..... | 32.00 | 29.50 | 129,987.18 | 834.0 | 6,125.54 | 5,251.81 | 5,927.02 |
| Richmond..... | 55.00 | 55.00 | 17,690.37 | 44.9 | 329.78 | 596.50 | 812.25 |
| Russell..... | 64.00 | 61.50 | 18,999.26 | 50.3 | 369.44 | 557.36 | 874.43 |

SYSTEM

E.O.—COST OF POWER

the Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Municipality of power supplied to it in the year ending October 31, 1936

| costs and fixed charges | | | Cost in excess of revenue from power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts received from or (billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|---|-----------------------------|--------------|--|--|---|--|---------|
| Provision for depreciation and obsolescence | Provision for contingencies | Sinking fund | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 1,468.50 | 269.29 | 857.79 | 328.68 | 10,329.29 | 11,039.94 | 710.65 | ..... |
| 191.34 | 44.28 | 116.71 | 62.01 | 1,570.88 | 1,797.34 | 226.46 | ..... |
| 483.60 | 97.87 | 293.41 | 150.67 | 3,844.51 | 4,366.10 | 521.59 | ..... |
| 300.44 | 52.78 | 183.74 | 51.56 | 2,037.48 | 2,128.20 | 90.72 | ..... |
| 7,618.39 | 2,740.23 | 7,817.07 | 7,675.57 | 126,700.44 | 141,011.17 | 14,310.73 | ..... |
| 355.58 | 77.12 | 247.07 | 120.71 | 3,295.13 | 3,604.43 | 309.30 | ..... |
| 4,154.04 | 1,293.35 | 3,814.49 | 3,281.96 | 59,762.83 | 65,947.26 | 6,184.43 | ..... |
| 604.96 | 193.46 | 530.12 | 426.75 | 8,108.34 | 9,309.02 | 1,200.68 | ..... |
| 5,780.96 | 1,783.64 | 4,276.91 | 4,789.70 | 74,399.49 | 82,493.95 | 8,094.46 | ..... |
| 393.99 | 127.36 | 285.47 | 303.08 | 5,122.89 | 6,003.83 | 880.94 | ..... |
| 3,358.93 | 931.78 | 2,321.27 | 2,204.82 | 37,174.74 | 42,403.94 | 5,229.20 | ..... |
| 683.63 | 173.49 | 452.14 | 358.12 | 7,057.82 | 8,121.49 | 1,063.67 | ..... |
| 515.49 | 93.25 | 91.49 | 92.84 | 3,458.43 | 3,727.50 | 269.07 | ..... |
| 2,993.25 | 980.16 | 2,796.53 | 2,461.56 | 45,553.45 | 49,462.20 | 3,908.75 | ..... |
| 344.82 | 108.47 | 295.12 | 229.05 | 4,454.24 | 4,930.29 | 476.05 | ..... |
| 622.68 | 163.54 | 436.68 | 219.47 | 5,734.47 | 6,676.66 | 942.19 | ..... |
| 335.85 | 68.69 | 203.28 | 102.77 | 2,686.14 | 3,243.60 | 557.46 | ..... |
| 367.31 | 90.55 | 267.07 | 148.58 | 3,670.45 | 3,965.64 | 295.19 | ..... |
| 709.67 | 158.19 | 488.34 | 231.32 | 6,318.04 | 6,771.33 | 453.29 | ..... |
| 1,117.08 | 269.95 | 725.05 | 546.07 | 11,065.13 | 12,227.13 | 1,162.00 | ..... |
| 802.69 | 199.76 | 616.52 | 391.04 | 8,571.58 | 9,878.63 | 1,307.05 | ..... |
| 345.68 | 78.72 | 213.87 | 127.15 | 2,951.70 | 3,140.76 | 189.06 | ..... |
| 364.53 | 67.12 | 211.57 | 76.29 | 2,676.18 | 3,134.64 | 458.46 | ..... |
| 4,656.66 | 1,340.97 | 4,082.58 | 3,288.93 | 66,602.36 | 71,752.53 | 5,150.17 | ..... |
| 516.17 | 137.63 | 402.86 | 264.41 | 6,417.43 | 6,602.54 | 185.11 | ..... |
| 314.76 | 91.20 | 243.02 | 155.89 | 3,766.59 | 3,892.85 | 126.26 | ..... |
| 101.22 | 25.15 | 65.18 | 46.16 | 1,162.03 | 1,231.44 | 69.41 | ..... |
| 565.27 | 112.47 | 336.49 | 151.02 | 4,316.86 | 4,814.14 | 497.28 | ..... |
| 2,100.14 | 691.41 | 1,954.13 | 1,711.01 | 30,530.29 | 34,872.50 | 4,342.21 | ..... |
| 246.71 | 78.93 | 209.25 | 160.07 | 3,418.71 | 3,722.28 | 303.57 | ..... |
| 27,039.48 | 8,200.74 | 24,810.88 | 21,325.81 | 387,262.71 | 422,392.38 | 35,129.67 | ..... |
| 7,747.58 | 3,884.20 | 7,848.22 | 14,634.43 | 179,816.13 | 197,439.73 | 17,623.60 | ..... |
| 19.29 | 4.82 | 10.16 | ..... | 207,850.46 | 207,850.46 | ..... | ..... |
| 2,959.36 | 879.65 | 2,111.40 | 2,206.91 | 36,629.83 | 39,276.02 | 2,646.19 | ..... |
| 10,809.31 | 3,890.32 | 11,904.84 | 12,531.29 | 193,120.49 | 215,829.77 | 22,709.28 | ..... |
| 3,232.06 | 743.69 | 2,409.49 | 1,427.43 | 32,908.16 | 36,057.24 | 3,149.08 | ..... |
| 2,686.00 | 883.67 | 2,551.41 | 2,293.47 | 44,256.99 | 48,061.03 | 3,804.04 | ..... |
| 1,553.35 | 514.80 | 1,191.87 | 1,452.69 | 22,017.08 | 24,603.96 | 2,586.88 | ..... |
| 295.71 | 55.70 | 175.83 | 78.21 | 2,343.98 | 2,466.72 | 122.74 | ..... |
| 316.02 | 62.65 | 188.94 | 87.61 | 2,456.45 | 3,092.91 | 636.46 | ..... |

EASTERN ONTARIO

Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual cost

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Share of operating | | |
|--|--|-----------------|---|--|-------------------------|--|------------|
| | To Oct. 31 1935 | To Oct. 31 1936 | | | Cost of power purchased | Operating, maintenance and administrative expenses | Interest |
| | \$ c. | \$ c. | \$ c. | | \$ c. | \$ c. | \$ c. |
| Smiths Falls..... | 30.00 | 28.00 | 276,976.00 | 1,832.6 | 13,460.03 | 10,873.36 | 12,628.37 |
| Stirling..... | 33.00 | 30.00 | 41,857.03 | 238.9 | 1,754.66 | 1,963.15 | 1,913.99 |
| Trenton..... | 30.00 | 27.50 | 461,545.22 | 2,887.7 | 21,209.49 | 15,316.02 | 21,070.45 |
| Tweed..... | 59.00 | 55.50 | 61,413.17 | 173.0 | 1,270.65 | 2,927.03 | 2,832.37 |
| Warkworth..... | 50.00 | 45.50 | 19,390.87 | 64.7 | 475.21 | 698.45 | 878.59 |
| Wellington..... | 45.00 | 41.50 | 48,235.38 | 173.6 | 1,275.05 | 1,549.95 | 2,214.79 |
| Westport..... | 75.00 | 70.00 | 38,188.06 | 72.5 | 532.50 | 708.88 | 1,761.64 |
| Whitby..... | 38.00 | 34.50 | 208,306.45 | 967.7 | 7,107.53 | 7,458.36 | 9,556.25 |
| Williamsburg..... | 36.00 | 32.50 | 33,390.03 | 189.6 | 1,392.57 | 1,404.41 | 1,456.21 |
| Winchester..... | 40.00 | 36.00 | 53,457.47 | 264.8 | 1,944.90 | 2,034.99 | 2,449.52 |
| Totals—Municipalities..... | | | 10,626,004.30 | 75,228.2 | 621,537.14 | 401,212.55 | 485,822.96 |
| RURAL POWER DISTRICTS | | | | | | | |
| Alexandria R.P.D.—Hawkesbury E. and Lochiel twps..... | | | 16,652.37 | 35.5 | 260.74 | 509.07 | 764.99 |
| Arnprior R.P.D.—Fitzroy and March twps..... | | | 7,712.21 | 48.6 | 356.96 | 265.87 | 352.00 |
| Bellefleur R.P.D.—Huntingdon Sidney, Thurlow and Tyendinaga twps..... | | | 66,962.90 | 343.4 | 2,522.19 | 2,396.33 | 3,066.65 |
| Bowmanville R.P.D.—Darlington twp..... | | | 25,362.88 | 114.9 | 843.91 | 987.17 | 1,148.88 |
| Brighton R.P.D.—Brighton, Cramahe and Murray twps..... | | | 5,263.35 | 23.3 | 171.13 | 178.62 | 241.15 |
| Brockville R.P.D.—Augusta, Elizabethtown, Escott Front, Leeds and Lansdowne Front, Leeds and Lansdowne Rear, Yonge and Escott Rear and Yonge Front twps..... | | | 60,069.32 | 312.3 | 2,293.77 | 1,957.42 | 2,747.49 |
| Campbellford R.P.D.—Rawdon and Seymour twps..... | | | 13,098.75 | 74.1 | 544.25 | 443.97 | 599.06 |
| Carleton Place R.P.D.—Ramsay twp..... | | | | | 22.92 | | |
| Chesterville R.P.D.—Cambridge, Finch, Osgoode, Osnabruck, Russell, Williamsburg and Winchester twps..... | | | 57,422.68 | 228.4 | 1,677.55 | 1,815.68 | 2,646.34 |
| Cobourg R.P.D.—Alnwick, Haldimand, Hamilton and Hope twps..... | | | 59,508.34 | 281.6 | 2,068.29 | 2,233.60 | 2,723.35 |
| Colborne R.P.D.—Cramahe and Haldimand twps..... | | | 25,452.27 | 102.7 | 754.31 | 739.37 | 1,160.56 |
| Fenelon Falls R.P.D.—Bexley, Fenelon, Laxton, Digby, Longford, Ops, Sommerville and Verulam twps..... | | | 32,518.89 | 127.5 | 936.46 | 1,406.03 | 1,490.98 |

SYSTEM

E.O.—COST OF POWER

the Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Municipality of power supplied to it in the year ending October 31, 1936

| costs and fixed charges | | | Cost in excess of revenue from power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts received from or (billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|---|-----------------------------|--------------|--|--|---|--|---------|
| Provision for depreciation and obsolescence | Provision for contingencies | Sinking fund | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 3,284.14 | 1,113.19 | 2,529.42 | 3,192.09 | 47,080.60 | 51,313.48 | 4,232.88 | |
| 349.52 | 129.52 | 390.37 | 416.12 | 6,917.33 | 7,166.25 | 248.92 | |
| 3,336.86 | 1,422.73 | 4,250.97 | 5,029.90 | 71,636.42 | 79,413.02 | 7,776.60 | |
| 875.15 | 186.65 | 610.19 | 301.34 | 9,003.38 | 9,602.38 | 599.00 | |
| 249.59 | 63.11 | 187.29 | 112.70 | 2,664.94 | 2,942.30 | 277.36 | |
| 608.35 | 154.23 | 470.24 | 302.38 | 6,574.99 | 7,204.03 | 629.04 | |
| 672.69 | 126.28 | 385.84 | 126.28 | 4,314.11 | 5,072.63 | 758.52 | |
| 2,191.39 | 628.02 | 1,989.58 | 1,685.57 | 30,616.70 | 33,386.23 | 2,769.53 | |
| 399.92 | 129.78 | 295.59 | 330.25 | 5,408.73 | 6,162.25 | 753.52 | |
| 737.33 | 208.07 | 506.96 | 461.24 | 8,343.01 | 9,532.80 | 1,189.79 | |
| 111,777.44 | 35,822.63 | 99,654.71 | 98,152.98 | 1,853,980.41 | 2,021,138.92 | 167,158.51 | |
| 286.62 | 53.25 | 166.83 | 61.84 | 2,103.34 | 2,103.34 | see page | 259 |
| 94.45 | 28.66 | 43.78 | 84.65 | 1,226.37 | 1,226.37 | " | " |
| 638.08 | 224.53 | 632.54 | 598.14 | 10,078.46 | 10,078.46 | " | " |
| 266.31 | 82.11 | 239.45 | 200.14 | 3,767.97 | 3,767.97 | " | " |
| 57.52 | 18.39 | 50.40 | 40.58 | 757.79 | 757.79 | " | " |
| 808.77 | 226.92 | 565.88 | 543.98 | 9,144.23 | 9,144.23 | " | " |
| 110.73 | 42.92 | 122.30 | 129.07 | 1,992.30 | 1,992.30 | " | " |
| | | | | 22.92 | 22.92 | " | " |
| 865.44 | 210.72 | 558.10 | 397.84 | 8,171.67 | 8,171.67 | " | " |
| 612.96 | 199.31 | 565.93 | 490.50 | 8,893.94 | 8,893.94 | " | " |
| 295.51 | 91.27 | 244.29 | 178.89 | 3,464.20 | 3,364.20 | " | " |
| 388.46 | 108.15 | 314.64 | 222.08 | 4,866.80 | 4,866.80 | " | " |

EASTERN ONTARIO

Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual cost

| Rural power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Share of operating | | |
|--|---|--|-------------------------|--|----------|
| | | | Cost of power purchased | Operating, maintenance and administrative expenses | Interest |
| | \$ c. | | \$ c. | \$ c. | \$ c. |
| Iroquois R.P.D.—Gower S., Matilda, Mountain, Oxford, Williamsburg and Winchester twps..... | 60,067.29 | 454.9 | 3,341.14 | 2,420.45 | 2,731.21 |
| Kemptville R.P.D.—Oxford twp..... | 6,180.30 | 23.9 | 175.54 | 238.00 | 279.10 |
| Kingston R.P.D.—Bedford, Ernestown, Hinchinbrooke, Kingston, Leeds and Lansdowne Front, Leeds and Lansdowne Rear, Loughborough, Oso, Pittsburgh, Portland and Storrington twps..... | 91,116.05 | 449.7 | 4,236.09 | 3,149.69 | 4,175.22 |
| Lakefield R.P.D.—Burleigh and Anstruther, Douro, Harvey and Smith twps..... | 13,069.71 | 52.9 | 388.54 | 376.14 | 596.65 |
| Marmora R.P.D.—Marmora and Lake twp..... | 278.90 | 1.0 | 7.34 | 9.85 | 12.80 |
| Martintown R.P.D.—Charlottenburg and Lancaster twps..... | 21,801.23 | 72.0 | 528.82 | 765.91 | 1,000.10 |
| Maxville R.P.D.—Caledonia, Kenyon, Plantagenet N., Plantagenet S. and Roxborough twps..... | 68,960.35 | 184.6 | 1,355.84 | 1,515.31 | 3,156.22 |
| Millbrook R.P.D.—Cavan, Manvers and Monaghan S. twps..... | 14,131.25 | 47.5 | 348.88 | 639.88 | 643.96 |
| Napanee R.P.D.—Camden E., Ernestown, Fredericksburg N., Fredericksburg S., Hungerford, Portland, Richmond, Sheffield and Tyendinaga twps..... | 57,080.82 | 230.0 | 1,689.29 | 1,704.91 | 2,619.53 |
| Nepean R.P.D.—Clarence, Cumberland, Gloucester, Goulburn, Gower N., March, Marlborough, Nepean and Osgoode twps..... | 88,945.48 | 683.8 | 5,022.35 | 3,482.95 | 4,042.80 |
| Newcastle R.P.D.—Clarke, Darlington and Manvers twps..... | 17,231.35 | 63.9 | 469.33 | 553.77 | 780.16 |
| Norwood R.P.D.—Asphodel, Belmont and Methuen, Dummer, Percy and Seymour twps..... | 7,010.58 | 21.5 | 157.91 | 267.50 | 318.03 |
| Omeme R.P.D.—Emily and Ops twps..... | 1,268.68 | 4.9 | 35.99 | 42.60 | 58.16 |
| Oshawa R.P.D.—Darlington, Pickering, Uxbridge, Whitby and Whitby E. twps..... | 168,166.29 | 775.5 | 5,695.87 | 7,732.03 | 7,709.07 |
| Perth R.P.D.—Bathurst, Burgess N., Dalhousie and Sherbrooke N., Drummond, Elmsley N. and Elmsley S. twps..... | 10,545.81 | 41.0 | 513.90 | 360.43 | 480.09 |

SYSTEM

E.O.—COST OF POWER

the Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Municipality of power supplied to it in the year ending October 31, 1936

| costs and fixed charges | | | Cost in excess of revenue from power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts received from or (billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|---|-----------------------------|--------------|--|--|---|--|---------|
| Provision for depreciation and obsolescence | Provision for contingencies | Sinking fund | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 631.52 | 236.81 | 536.50 | 792.36 | 10,689.99 | 10,689.99 | see page | 259 |
| 92.03 | 22.30 | 58.90 | 41.63 | 907.50 | 907.50 | | " |
| 985.80 | 294.82 | 871.83 | 711.54 | 14,424.99 | 14,424.99 | " | " |
| 151.73 | 39.70 | 125.57 | 92.14 | 1,770.47 | 1,770.47 | " | " |
| 3.53 | 1.02 | 2.72 | 1.74 | 39.00 | 39.00 | " | " |
| 344.16 | 76.39 | 213.49 | 125.41 | 3,054.28 | 3,054.28 | " | " |
| 1,137.03 | 236.36 | 681.44 | 321.54 | 8,403.74 | 8,403.74 | " | " |
| 182.77 | 49.56 | 137.26 | 82.74 | 2,085.05 | 2,085.05 | " | " |
| 670.64 | 192.05 | 551.73 | 400.62 | 7,828.77 | 7,828.77 | " | " |
| 922.13 | 386.22 | 792.27 | 1,191.07 | 15,839.79 | 15,839.79 | " | " |
| 208.84 | 58.81 | 165.15 | 111.30 | 2,347.36 | 2,347.36 | " | " |
| 94.14 | 23.98 | 68.14 | 37.45 | 967.15 | 967.15 | " | " |
| 15.30 | 4.36 | 12.29 | 8.53 | 177.23 | 177.23 | " | " |
| 1,778.01 | 525.04 | 1,605.93 | 1,350.79 | 26,396.74 | 26,396.74 | " | " |
| 158.43 | 44.11 | 101.32 | 71.41 | 1,729.69 | 1,729.69 | " | " |

EASTERN ONTARIO

Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual cost

| Rural power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Share of operating | | | |
|---|---|--|-------------------------|--|-------------|--|
| | | | Cost of power purchased | Operating, maintenance and administrative expenses | Interest | |
| | \$ c. | | \$ c. | \$ c. | \$ c. | |
| Peterborough R.P.D. —Cavan, Douro, Monaghan N., Monaghan S., Otonabee and Smith twps..... | 105,849. 60 | 568. 7 | 4,176. 97 | 4,072. 46 | 4,844. 47 | |
| Prescott R.P.D. —Augusta, Edwardsburg and Matilda twps..... | 21,822. 88 | 129. 0 | 947. 48 | 1,380. 32 | 992. 28 | |
| Renfrew R.P.D. —Admaston, Bromley, Horton, Ross and Westmeath twps..... | 17,481. 45 | 51. 4 | 377. 52 | 542. 83 | 793. 60 | |
| Smiths Falls R.P.D. —Bastard and Burgess S., Crosby S., Kitley, Montague and Wolford twps..... | 42,302. 10 | 195. 2 | 1,433. 71 | 1,227. 39 | 1,940. 34 | |
| Stirling R.P.D. —Rawdon and Sidney twps..... | 9,336. 30 | 48. 5 | 356. 22 | 510. 48 | 422. 89 | |
| Trenton R.P.D. —Brighton, Murray and Sidney twps..... | 34,192. 39 | 196. 3 | 1,441. 78 | 1,549. 62 | 1,559. 09 | |
| Warkworth R.P.D. —Percy twp..... | 819. 51 | 3. 7 | 27. 18 | 29. 15 | 36. 79 | |
| Wellington R.P.D. —Ameliasburg, Athol, Hallowell, Hillier, Murray and Sophiasburg twps..... | 67,811. 53 | 237. 1 | 1,741. 44 | 2,146. 49 | 3,111. 04 | |
| Williamsburg R.P.D. —Matilda and Williamsburg twps..... | 12,855. 87 | 73. 0 | 536. 17 | 515. 82 | 560. 68 | |
| Totals—Rural power districts..... | 1,308,349. 68 | 6,302. 3 | 47,457. 78 | 48,167. 11 | 59,805. 73 | |
| Totals—Municipalities..... | 10,626,004. 30 | 75,228. 2 | 621,537. 14 | 401,212. 55 | 485,822. 96 | |
| Totals—Rural power districts..... | 1,308,349. 68 | 6,302. 3 | 47,457. 78 | 48,167. 11 | 59,805. 73 | |
| Totals—Companies..... | 4,664,205. 54 | 23,302. 6 | 174,551. 95 | 158,327. 96 | 213,571. 25 | |
| Totals—Local electric distribution systems..... | 580,669. 96 | 1,845. 4 | 13,554. 04 | 37,609. 23 | 26,678. 19 | |
| Totals—Local gas distribution system..... | 26,413. 01 | | | 16,486. 76 | 1,228. 29 | |
| Totals—Pulp mill..... | 330,257. 43 | 1,668. 1 | 12,251. 81 | 33,976. 09 | 15,131. 07 | |
| | 17,535,899. 92 | | | | | |
| Non-operating capital..... | 4,283. 50 | | | | | |
| Grand totals..... | 17,540,183. 42 | 108,346. 6 | 869,352. 72 | 695,779. 70 | 802,237. 49 | |

SYSTEM

E.O.—COST OF POWER

the Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Municipality of power supplied to it in the year ending October 31, 1936

| costs and fixed charges | | | Cost in excess of revenue from power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts received from or (billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|---|-----------------------------|--------------|--|--|---|--|---------|
| Provision for depreciation and obsolescence | Provision for contingencies | Sinking fund | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 956.01 | 332.81 | 994.53 | 990.58 | 16,367.83 | 16,367.83 | see page | 259 |
| 272.74 | 87.77 | 201.44 | 224.70 | 4,106.73 | 4,106.73 | " | " |
| 281.09 | 58.51 | 69.58 | 89.53 | 2,212.66 | 2,212.66 | " | " |
| 605.80 | 177.09 | 404.22 | 340.01 | 6,128.56 | 6,128.56 | " | " |
| 85.72 | 29.98 | 87.02 | 84.48 | 1,576.79 | 1,576.79 | " | " |
| 281.35 | 110.50 | 317.67 | 341.92 | 5,601.93 | 5,601.93 | " | " |
| 8.48 | 2.88 | 7.66 | 6.44 | 118.58 | 118.58 | " | " |
| 867.93 | 219.79 | 661.74 | 412.99 | 9,161.42 | 9,161.42 | " | " |
| 153.98 | 49.96 | 113.81 | 127.15 | 2,057.57 | 2,057.57 | " | " |
| 15,314.01 | 4,547.05 | 12,286.35 | 10,905.78 | 198,483.81 | 198,483.81 | " | " |
| 111,777.44 | 35,822.63 | 99,654.71 | 98,152.98 | 1,853,980.41 | 2,021,138.92 | 167,158.51 | ..... |
| 15,314.01 | 4,547.05 | 12,286.35 | 10,905.78 | 198,483.81 | 198,483.81 |  | ..... |
| 49,669.23 | 15,276.14 | 50,605.26 | (95,363.29) | 566,638.50 | 566,638.50 |  | ..... |
| 8,602.81 | 1,359.38 | 2,457.71 | 17,828.58 | 108,089.94 | 108,089.94 |  | ..... |
| | | | (2,929.74) | 14,785.31 | 14,785.31 |  | ..... |
| 2,149.21 | 879.34 | 2,572.31 | (28,594.31) | 38,365.52 | 38,365.52 |  | ..... |
| 187,512.70 | 57,884.54 | 167,576.34 | ..... | 2,780,343.49 | 2,947,502.00 | 167,158.51 | ..... |

EASTERN ONTARIO SYSTEM

Statement showing the costs of distribution of power within each Rural Power and the amounts remaining to be credited to certain Districts or charged to (by annual adjustment) of the actual costs

| Rural power district | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power delivered to districts as shown in "cost of power" table preceding |
|-----------------------|---|------------------|-------------------------|--|
| | Total capital cost | Government grant | Commission's investment | |
| | \$ c. | \$ c. | \$ c. | \$ c. |
| Alexandria R.P.D. | 30,037.32 | 14,854.78 | 15,182.54 | 2,103.34 |
| Arnprior R.P.D. | 14,537.72 | 7,025.23 | 7,512.49 | 1,226.37 |
| Belleville R.P.D. | 165,301.34 | 81,942.98 | 83,358.36 | 10,078.46 |
| Bowmanville R.P.D. | 50,941.05 | 25,470.52 | 25,470.53 | 3,767.97 |
| Brighton R.P.D. | 19,921.52 | 9,960.76 | 9,960.76 | 757.79 |
| Brockville R.P.D. | *238,192.66 | 116,964.42 | 121,228.24 | 9,144.23 |
| Campbellford R.P.D. | 38,534.69 | 19,267.34 | 19,267.35 | 1,992.30 |
| Carleton Place R.P.D. | 897.79 | 448.89 | 448.90 | 22.92 |
| Chesterville R.P.D. | *118,864.66 | 56,120.30 | 62,744.36 | 8,171.67 |
| Cobourg R.P.D. | 218,498.22 | 108,512.89 | 109,985.33 | 8,893.94 |
| Colborne R.P.D. | 64,790.92 | 32,395.46 | 32,395.46 | 3,464.20 |
| Fenelon Falls R.P.D. | 118,259.30 | 58,670.30 | 59,589.00 | 4,866.80 |
| Iroquois R.P.D. | 182,782.93 | 91,048.11 | 91,734.82 | 10,689.99 |
| Kemptville R.P.D. | 11,595.63 | 5,650.99 | 5,944.64 | 907.50 |
| Kingston R.P.D. | 326,361.86 | 159,134.73 | 167,227.13 | 14,424.99 |
| Lakefield R.P.D. | *57,849.36 | 28,814.00 | 29,035.36 | 1,770.47 |
| Marmora R.P.D. | 5,421.08 | 2,710.54 | 2,710.54 | 39.00 |
| Martintown R.P.D. | *51,777.82 | 25,585.83 | 26,191.99 | 3,054.28 |
| Maxville R.P.D. | 126,559.79 | 63,279.89 | 63,279.90 | 8,403.74 |
| Millbrook R.P.D. | 36,351.41 | 17,891.81 | 18,459.60 | 2,085.05 |
| Napanee R.P.D. | *230,924.67 | 112,051.16 | 118,873.51 | 7,828.77 |
| Nepean R.P.D. | *368,313.50 | 179,293.52 | 189,019.98 | 15,839.79 |
| Newcastle R.P.D. | *43,613.58 | 20,876.09 | 22,737.49 | 2,347.36 |
| Norwood R.P.D. | *19,938.37 | 9,660.46 | 10,277.91 | 967.15 |
| Omeme R.P.D. | 7,404.17 | 3,702.08 | 3,702.09 | 177.23 |
| Oshawa R.P.D. | 332,310.41 | 162,640.72 | 169,669.69 | 26,396.74 |
| Perth R.P.D. | 34,995.51 | 17,497.75 | 17,497.76 | 1,729.69 |
| Peterborough R.P.D. | *203,723.07 | 101,640.19 | 102,082.88 | 16,367.83 |
| Prescott R.P.D. | 77,756.72 | 38,697.26 | 39,059.46 | 4,106.73 |
| Renfrew R.P.D. | *54,404.43 | 24,767.20 | 29,637.23 | 2,212.66 |
| Smiths Falls R.P.D. | *147,755.47 | 71,424.61 | 76,330.86 | 6,128.56 |
| Sterling R.P.D. | *51,864.34 | 23,555.43 | 28,308.91 | 1,576.79 |
| Trenton R.P.D. | *106,223.99 | 52,925.22 | 53,298.77 | 5,601.93 |
| Warkworth R.P.D. | *2,466.28 | 1,046.37 | 1,419.91 | 118.58 |
| Wellington R.P.D. | *213,532.75 | 106,285.40 | 107,247.35 | 9,161.42 |
| Williamsburg R.P.D. | 62,375.20 | 31,187.60 | 31,187.60 | 2,057.57 |
| Total capital | 3,835,079.53 | 1,883,000.83 | 1,952,078.70 | |
| Non-operating capital | 23,929.28 | 11,964.64 | 11,964.64 | |
| Grand totals | 3,859,008.81 | 1,894,965.47 | 1,964,043.34 | 198,483.81 |

Note—Items marked * include portions of transmission lines aggregating \$32,006.83 used for purposes of rural power districts.

—RURAL POWER DISTRICTS

E.O.—RURAL OPERATING

District, the revenues collected from (or charged to) customers within each District, the Municipalities comprising certain other Districts upon ascertainment in the year ending October 31, 1936

| Distribution costs and fixed charges | | | | Total cost | Revenue from power and light customers in each district | Amounts remaining to be credited to certain districts or charged to the municipalities comprising certain other districts | |
|---|-----------|---|--------------|------------|---|---|----------|
| Cost of operation, maintenance and administration | Interest | Provision for depreciation and obsolescence | Sinking fund | | | Credited | Charged |
| | | | | | | | |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 995.50 | 697.52 | 519.26 | 157.94 | 4,473.56 | 3,876.33 | | 597.23 |
| 528.24 | 344.74 | 250.94 | 78.06 | 2,428.35 | 3,200.09 | 771.74 | |
| 4,726.31 | 3,704.72 | 2,763.54 | 838.88 | 22,111.91 | 25,743.67 | 3,631.76 | |
| 995.69 | 1,164.85 | 876.71 | 263.76 | 7,068.98 | 8,565.43 | 1,496.45 | |
| 571.70 | 440.15 | 331.27 | 99.67 | 2,200.58 | 2,501.25 | 300.67 | |
| 9,388.69 | 5,546.90 | 4,100.18 | 1,256.02 | 29,436.02 | 31,725.70 | 2,289.68 | |
| 1,258.38 | 891.24 | 670.78 | 201.81 | 5,014.51 | 4,316.70 | | 697.81 |
| 19.35 | 20.88 | 15.72 | 4.73 | 83.60 | 64.64 | | 18.96 |
| 4,752.48 | 2,786.91 | 1,981.60 | 631.05 | 18,323.71 | 18,398.87 | 75.16 | |
| 6,233.03 | 4,901.09 | 3,662.97 | 1,109.78 | 24,800.81 | 24,340.17 | | 460.64 |
| 3,109.13 | 1,475.45 | 1,110.47 | 334.09 | 9,493.34 | 8,377.91 | | 1,115.43 |
| 2,549.45 | 2,655.16 | 1,982.29 | 601.22 | 12,654.92 | 12,432.06 | | 222.86 |
| 5,226.17 | 4,247.51 | 3,184.80 | 961.78 | 24,310.25 | 28,487.30 | 4,177.05 | |
| 303.85 | 274.95 | 201.80 | 62.26 | 1,750.36 | 2,012.47 | 262.11 | |
| 12,747.78 | 7,220.67 | 5,206.20 | 1,635.02 | 41,234.66 | 41,505.33 | 270.67 | |
| 1,018.52 | 1,290.04 | 967.05 | 292.11 | 5,338.19 | 4,835.39 | | 502.80 |
| 134.44 | 31.51 | 23.72 | 7.13 | 235.80 | 132.13 | | 103.67 |
| 1,854.34 | 1,174.41 | 873.30 | 265.92 | 7,222.25 | 8,121.99 | 899.74 | |
| 4,159.62 | 2,849.41 | 2,144.56 | 645.21 | 18,202.54 | 17,056.33 | | 1,146.21 |
| 1,094.44 | 842.94 | 624.48 | 190.87 | 4,837.78 | 5,095.04 | 257.26 | |
| 5,660.79 | 5,309.62 | 3,851.21 | 1,202.29 | 23,852.68 | 23,420.46 | | 432.22 |
| 11,962.77 | 8,481.83 | 6,219.37 | 1,920.59 | 44,424.35 | 49,657.61 | 5,233.26 | |
| 1,054.72 | 1,050.00 | 757.69 | 237.76 | 5,447.53 | 6,455.34 | 1,007.81 | |
| 557.06 | 471.71 | 344.23 | 106.82 | 2,446.97 | 2,031.31 | | 415.66 |
| 52.47 | 170.31 | 128.18 | 38.56 | 566.75 | 408.84 | | 157.91 |
| 12,896.09 | 7,566.66 | 5,573.10 | 1,713.35 | 54,145.94 | 58,702.66 | 4,556.72 | |
| 1,112.06 | 797.47 | 600.20 | 180.58 | 4,420.00 | 3,095.13 | | 1,324.87 |
| 6,798.97 | 4,586.33 | 3,444.08 | 1,038.50 | 32,235.71 | 35,360.07 | 3,124.36 | |
| 3,250.33 | 1,809.50 | 1,355.56 | 409.74 | 10,931.86 | 10,779.18 | | 152.68 |
| 2,188.51 | 1,180.77 | 822.38 | 267.37 | 6,671.69 | 5,413.30 | | 1,258.39 |
| 5,275.44 | 3,457.22 | 2,516.55 | 782.85 | 18,160.62 | 19,349.58 | 1,188.96 | |
| 741.37 | 1,312.88 | 904.93 | 297.29 | 4,833.26 | 4,692.35 | | 140.91 |
| 2,865.19 | 2,153.71 | 1,614.42 | 487.67 | 12,722.92 | 14,858.30 | 2,135.38 | |
| 159.23 | 65.71 | 42.92 | 14.88 | 401.32 | 434.71 | 33.39 | |
| 5,247.52 | 4,837.34 | 3,623.91 | 1,095.35 | 23,965.54 | 23,395.30 | | 570.24 |
| 2,108.91 | 986.60 | 742.55 | 223.40 | 6,119.03 | 6,059.60 | | 59.43 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 123,598.54 | 86,798.71 | 64,032.92 | 19,654.31 | 492,568.29 | 514,902.54 | 31,712.17 | 9,377.92 |

Note—For townships included in rural power districts see “Cost of Power” statement preceding.

EASTERN ONTARIO

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1936, and the accumulated amount standing

| Municipality | Date commenced operating | Net credit or charge at October 31, 1935 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|---------------------|--------------------------|--|--------|--|-----------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Alexandria..... | Jan. 1921 | 1,622.86 | | | 1,622.86 |
| Apple Hill..... | April 1921 | 255.71 | | | 255.71 |
| Athens..... | Jan. 1929 | 691.18 | | | 691.18 |
| Bath..... | Nov. 1931 | 286.34 | | | 286.34 |
| Belleville..... | April 1929 | 20,395.44 | | | 20,395.44 |
| Bloomfield..... | April 1919 | 528.84 | | | 528.84 |
| Bowmanville..... | Oct. 1931 | 10,910.92 | | | 10,910.92 |
| Brighton..... | Nov. 1929 | 1,110.87 | | | 1,110.87 |
| Brockville..... | April 1915 | 11,368.97 | | | 11,368.97 |
| Cardinal..... | July 1930 | 1,057.70 | | | 1,057.70 |
| Carleton Place..... | May 1919 | 3,946.88 | | | 3,946.88 |
| Chesterville..... | April 1914 | 1,520.97 | | | 1,520.97 |
| Cobden..... | Nov. 1935 | | | | |
| Cobourg..... | Jan. 1932 | 8,121.93 | | | 8,121.93 |
| Colborne..... | Jan. 1933 | 607.74 | | | 607.74 |
| Deseronto..... | Jan. 1931 | 294.18 | | | 294.18 |
| Finch..... | Feb. 1928 | 567.25 | | | 567.25 |
| Hastings..... | June 1931 | 545.23 | | | 545.23 |
| Havelock..... | Feb. 1921 | 474.56 | | | 474.56 |
| Kemptville..... | Dec. 1921 | 1,665.21 | | | 1,665.21 |
| Lakefield..... | Aug. 1920 | 811.56 | | | 811.56 |
| Lanark..... | Sept. 1921 | 535.58 | | | 535.58 |
| Lancaster..... | May 1921 | 3,064.17 | | | 3,064.17 |
| Lindsay..... | Mar. 1928 | 12,622.86 | | | 12,622.86 |
| Madoc..... | Jan. 1930 | 864.84 | | | 864.84 |
| Marmora..... | Jan. 1921 | 914.97 | | | 914.97 |
| Martintown..... | May 1921 | 154.17 | | | 154.17 |
| Maxville..... | Feb. 1921 | 668.76 | | | 668.76 |
| Napanee..... | Nov. 1929 | 4,905.94 | | | 4,905.94 |
| Norwood..... | Feb. 1921 | 409.94 | | | 409.94 |
| Oshawa..... | Feb. 1929 | 40,979.70 | | | 40,979.70 |
| Ottawa..... | Jan. 1914 | 28,392.44 | | | 28,392.44 |
| Perth..... | Feb. 1919 | 5,480.61 | | | 5,480.61 |
| Peterborough..... | Mar. 1913 | 29,249.84 | | | 29,249.84 |
| Picton..... | April 1919 | 5,365.71 | | | 5,365.71 |
| Port Hope..... | Nov. 1929 | 6,932.29 | | | 6,932.29 |
| Prescott..... | Dec. 1913 | 3,962.41 | | | 3,962.41 |
| Richmond..... | Aug. 1928 | | 50.69 | 50.69 | |
| Russell..... | Feb. 1926 | 670.99 | | | 670.99 |
| Smiths Falls..... | Sept. 1918 | 6,215.08 | | | 6,215.08 |
| Stirling..... | Jan. 1930 | 1,341.80 | | | 1,341.80 |
| Trenton..... | Sept. 1931 | 14,131.65 | | | 14,131.65 |
| Tweed..... | Dec. 1930 | 1,109.62 | | | 1,109.62 |
| Warkworth..... | Oct. 1923 | 513.25 | | | 513.25 |
| Wellington..... | April 1919 | 1,035.88 | | | 1,035.88 |
| Westport..... | Nov. 1931 | 588.09 | | | 588.09 |
| Whitby..... | Jan. 1926 | 6,071.42 | | | 6,071.42 |

SYSTEM

E.O.—CREDIT OR CHARGE

supplied to it to October 31, 1935, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1936

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1936 | | Accumulated amount standing as a credit or charge on October 31, 1936 | |
|---|---------|---|---------|---|--------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 28.88 | | 710.65 | | 739.53 | |
| 4.53 | | 226.46 | | 230.99 | |
| 10.32 | | 521.59 | | 531.91 | |
| 4.79 | | 90.72 | | 95.51 | |
| 362.36 | | 14,310.73 | | 14,673.09 | |
| 9.43 | | 309.30 | | 318.73 | |
| 194.39 | | 6,184.43 | | 6,378.82 | |
| 19.70 | | 1,200.68 | | 1,220.38 | |
| 201.89 | | 8,094.46 | | 8,296.35 | |
| 19.21 | | 880.94 | | 900.15 | |
| 63.57 | | 5,229.20 | | 5,292.77 | |
| 27.77 | | 1,063.67 | | 1,091.44 | |
| | | 269.07 | | 269.07 | |
| 145.31 | | 3,908.75 | | 4,054.06 | |
| 9.63 | | 476.05 | | 485.68 | |
| 4.89 | | 942.19 | | 947.08 | |
| 10.15 | | 557.46 | | 567.61 | |
| 9.66 | | 295.19 | | 304.85 | |
| 7.47 | | 453.29 | | 460.76 | |
| 29.56 | | 1,162.00 | | 1,191.56 | |
| 12.59 | | 1,307.05 | | 1,319.64 | |
| 9.53 | | 189.06 | | 198.59 | |
| 62.21 | | 458.46 | | 520.67 | |
| 228.27 | | 5,150.17 | | 5,378.44 | |
| 15.35 | | 185.11 | | 200.46 | |
| 17.15 | | 126.26 | | 143.41 | |
| 2.72 | | 69.41 | | 72.13 | |
| 11.36 | | 497.28 | | 508.64 | |
| 87.63 | | 4,342.21 | | 4,429.84 | |
| 7.15 | | 303.57 | | 310.72 | |
| 680.76 | | 35,129.67 | | 35,810.43 | |
| 468.55 | | 17,623.60 | | 18,092.15 | |
| 97.53 | | 2,646.19 | | 2,743.72 | |
| 518.06 | | 22,709.28 | | 23,227.34 | |
| 95.50 | | 3,149.08 | | 3,244.58 | |
| 123.14 | | 3,804.04 | | 3,927.18 | |
| 83.61 | | 2,586.88 | | 2,670.49 | |
| | 0.83 | 122.74 | | 121.91 | |
| 14.14 | | 636.46 | | 650.60 | |
| 109.91 | | 4,232.88 | | 4,342.79 | |
| 24.75 | | 248.92 | | 273.67 | |
| 240.29 | | 7,776.60 | | 8,016.89 | |
| 19.66 | | 599.00 | | 618.66 | |
| 9.16 | | 277.36 | | 286.52 | |
| 17.98 | | 629.04 | | 647.02 | |
| 10.10 | | 758.52 | | 768.62 | |
| 110.99 | | 2,769.53 | | 2,880.52 | |

EASTERN ONTARIO

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1936, and the accumulated amount standing

| Municipality | Date commenced operating | Net credit or charge at October 31, 1935 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|-----------------------------------|--------------------------|--|------------|--|-------------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Williamsburg..... | April 1915 | 1,454. 64 | | | 1,454. 64 |
| Winchester..... | Jan. 1914 | 1,674. 12 | | | 1,674. 12 |
| Total—Municipalities..... | | 246,095. 11 | 50. 69 | 50. 69 | 246,095. 11 |
| RURAL POWER DISTRICTS | | | | | |
| Alexandria R.P.D..... | Dec. 1929 | | 4,623. 07 | 40. 00 | |
| Arnprior R.P.D..... | Dec. 1930 | | 1,866. 28 | | 90. 00 |
| Belleville R.P.D..... | Aug. 1927 | 31,714. 24 | | | 105. 00 |
| Bowmanville R.P.D..... | Jan. 1924 | 1,683. 54 | | | 15. 00 |
| Brighton R.P.D..... | Nov. 1929 | 492. 45 | | | |
| Brockville R.P.D..... | Nov. 1921 | 2,943. 68 | | 250. 00 | |
| Campbellford R.P.D..... | Aug. 1924 | | 1,892. 34 | | 30. 00 |
| Carleton Place R.P.D..... | Feb. 1932 | | 89. 30 | | |
| Chesterville R.P.D..... | Nov. 1921 | | 3,146. 37 | | 330. 00 |
| Cobourg R.P.D..... | Feb. 1927 | | 407. 68 | 105. 00 | |
| Colborne R.P.D..... | Aug. 1925 | | 2,922. 68 | | 55. 00 |
| Fenelon Falls R.P.D..... | July 1931 | | 2,075. 27 | 35. 00 | 25. 00 |
| Iroquois R.P.D..... | July 1930 | 5,581. 07 | | | 80. 00 |
| Kemptville R.P.D..... | Dec. 1930 | | 5. 94 | | |
| Kingston R.P.D..... | Jan. 1923 | | 7,524. 34 | | 75. 00 |
| Lakefield R.P.D..... | July 1928 | | 2,873. 01 | 30. 00 | |
| Marmora R.P.D..... | July 1936 | | | | |
| Martintown R.P.D..... | Jan. 1922 | 2,511. 23 | | | 75. 00 |
| Maxville R.P.D..... | Dec. 1927 | | 2,576. 45 | | 180. 00 |
| Millbrook R.P.D..... | July 1930 | | 1,694. 77 | | |
| Napanee R.P.D..... | Nov. 1927 | | 7,810. 07 | | 55. 00 |
| Nepean R.P.D..... | Feb. 1922 | 4,080. 83 | | | 671. 20 |
| Newcastle R.P.D..... | Sept. 1927 | 2,069. 73 | | | 25. 00 |
| Norwood R.P.D..... | Jan. 1929 | | 2,561. 09 | | 65. 00 |
| Omeme R.P.D..... | Jan. 1931 | | 764. 43 | 20. 00 | |
| Oshawa R.P.D..... | April 1918 | 45,941. 60 | | 300. 00 | 1,402. 42 |
| Perth R.P.D..... | Aug. 1931 | | 5,470. 47 | 70. 00 | |
| Peterborough R.P.D..... | Jan. 1927 | 16,116. 51 | | 235. 00 | |
| Prescott R.P.D..... | June 1922 | | 965. 41 | 175. 00 | |
| Renfrew R.P.D..... | Nov. 1930 | | 2,054. 93 | 80. 00 | |
| Smiths Falls R.P.D..... | May 1929 | | 1,878. 37 | 45. 00 | |
| Stirling R.P.D..... | Nov. 1929 | | 761. 79 | 35. 00 | |
| Trenton R.P.D..... | Jan. 1924 | 4,686. 22 | | 30. 94 | 160. 00 |
| Warkworth R.P.D..... | Nov. 1928 | 0. 38 | | | |
| Wellington R.P.D..... | Nov. 1925 | | 3,880. 70 | 25. 00 | 145. 97 |
| Williamsburg R.P.D..... | Feb. 1923 | | 206. 97 | 85. 00 | |
| Totals—Rural power districts..... | | 117,821. 48 | 58,051. 73 | 1,560. 94 | 3,584. 59 |
| Totals—Municipalities..... | | 246,095. 11 | 50. 69 | 50. 69 | 246,095. 11 |
| Grand totals..... | | 363,916. 59 | 58,102. 42 | 1,611. 63 | 249,679. 70 |

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

SYSTEM

E.O.—CREDIT OR CHARGE

supplied to it to October 31, 1935, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1936

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1936 | | Accumulated amount standing as a credit or charge on October 31, 1936 | |
|--|----------|---|----------|---|-----------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 29.16 | | 753.52 | | 782.68 | |
| 30.00 | | 1,189.79 | | 1,219.79 | |
| 4,300.76 | 0.83 | 167,158.51 | | 171,458.44 | |
| | 183.32 | | 597.23 | | 5,363.62 |
| | 78.25 | 771.74 | | | 1,262.79 |
| 1,264.37 | | 3,631.76 | | 36,505.37 | |
| 66.74 | | 1,496.45 | | 3,231.73 | |
| 19.70 | | 300.67 | | 812.82 | |
| 127.75 | | 2,289.68 | | 5,611.11 | |
| | 76.89 | | 697.81 | | 2,697.04 |
| | 3.57 | | 18.96 | | 111.83 |
| | 139.05 | 75.16 | | | 3,540.26 |
| | 12.11 | | 460.64 | | 775.43 |
| | 119.11 | | 1,115.43 | | 4,212.22 |
| | 82.61 | | 222.86 | | 2,370.74 |
| 220.04 | | 4,177.05 | | 9,898.16 | |
| | 0.24 | 262.11 | | 255.93 | |
| | 303.97 | 270.67 | | | 7,632.64 |
| | 113.72 | | 502.80 | | 3,459.53 |
| | | | 103.67 | | 103.67 |
| 97.45 | | 899.74 | | 3,433.42 | |
| | 110.26 | | 1,146.21 | | 4,012.92 |
| | 67.79 | 257.26 | | | 1,505.30 |
| | 314.60 | | 432.22 | | 8,611.89 |
| 139.17 | | 5,233.26 | | 8,782.06 | |
| 81.79 | | 1,007.81 | | 3,134.33 | |
| | 105.04 | | 415.66 | | 3,146.79 |
| | 29.78 | | 157.91 | | 932.12 |
| 1,802.92 | | 4,556.72 | | 51,198.82 | |
| | 216.02 | | 1,324.87 | | 6,941.36 |
| 654.06 | | 3,124.36 | | 20,129.93 | |
| | 31.62 | | 152.68 | | 974.71 |
| | 79.00 | | 1,258.39 | | 3,312.32 |
| | 73.33 | 1,188.96 | | | 717.74 |
| | 29.07 | | 140.91 | | 896.77 |
| 182.18 | | 2,135.38 | | 6,874.72 | |
| 0.02 | | 33.39 | | 33.79 | |
| | 155.20 | | 570.24 | | 4,727.11 |
| | 4.88 | | 59.43 | | 186.28 |
| 4,656.19 | 2,329.43 | 31,712.17 | 9,377.92 | 149,902.19 | 67,495.08 |
| 4,300.76 | 0.83 | 167,158.51 | | 171,458.44 | |
| 8,956.95 | 2,330.26 | 198,870.68 | 9,377.92 | 321,360.63 | 67,495.08 |

THUNDER BAY

Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual cost

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Operation, maintenance and administrative expenses | Interest |
|---|--|-----------------|---|--|--|-------------|
| | To Oct. 31 1935 | To Oct. 31 1936 | | | | |
| | | | \$ c. | | \$ c. | \$ c. |
| Fort William..... | \$21.00 plus transformation charges..... | | 2,993,944. 81 | 10,340. 1 | 38,342. 53 | 143,878. 86 |
| Port Arthur..... | \$21.00 plus transformation charges..... | | 9,618,955.00 | 33,850. 5 | 118,840. 26 | 462,224. 17 |
| Township of Nipigon..... | \$30.00 | \$30.00 | 25,535. 28 | 97. 0 | 1,064. 66 | 1,226. 50 |
| RURAL POWER DISTRICTS | | | | | | |
| Fort William R.P.D.—Neebing, Oliver and Paipoonge twps..... | | | 35,841. 64 | 114. 5 | 724. 26 | 1,722. 82 |
| Port Arthur R.P.D.—Shuniah twp..... | | | 18,419. 10 | 54. 9 | 445. 60 | 885. 59 |
| Totals—Municipalities..... | | | 12,638,435. 09 | 44,287. 6 | 158,247. 45 | 607,329. 53 |
| Totals—Rural power districts..... | | | 54,260. 74 | 169. 4 | 1,169. 86 | 2,608. 41 |
| Totals—Companies..... | | | 5,929,984. 55 | 21,566. 1 | 79,139. 85 | 284,684. 34 |
| | | | 18,622,680. 38 | | | |
| Non-operating capital..... | | | 135,278. 91 | | | |
| Grand totals..... | | | 18,757,959. 29 | 66,023. 1 | 238,557. 16 | 894,622. 28 |

THUNDER BAY SYSTEM—

Statement showing the costs of distribution of power within each Rural Power and the amounts remaining to be credited to certain Districts or charged to (by annual adjustment) of the actual costs

| Rural power district | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power delivered to districts as shown in "cost of power" table preceding | Cost of operation, maintenance and administration |
|---|---|------------------|-------------------------|--|---|
| | Total capital cost | Government grant | Commission's investment | | |
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Fort William R.P.D.—Neebing, Oliver and Paipoonge twps..... | 72,688.41 | 36,344.20 | 36,344.21 | 3,023.41 | 2,489.54 |
| Port Arthur R.P.D.—Shuniah twp..... | 51,746.20 | 25,873.10 | 25,873.10 | 1,645.22 | 1,597.81 |
| Total—Capital..... | 124,434.61 | 62,217.30 | 62,217.31 | | |
| Non-operating capital..... | 349.27 | 174.64 | 174.63 | | |
| Grand totals..... | 124,783.88 | 62,391.94 | 62,391.94 | 4,668.63 | 4,087.35 |

SYSTEM

T.B.—COST OF POWER

the Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Municipality of power supplied to it in the year ending October 31, 1936

| Provision for de- preciation and ob- solescence | Provision for con- tingencies | Sinking fund | Total | Revenue received in excess cost of power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited to each municipality upon ascertain- ment of the actual cost of power by annual adjustment |
|---|-------------------------------------|-----------------|--------------|--|---|---|---|
| | | | | | | | Credited |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 26,289.92 | 13,943.92 | 22,403.03 | 244,858.26 | 17,998.47 | 226,859.79 | 233,151.90 | 6,292.11 |
| 83,330.51 | 44,736.67 | 71,421.01 | 780,552.62 | 58,921.79 | 721,630.83 | 746,072.46 | 24,441.63 |
| 211.47 | 119.08 | 183.25 | 2,804.96 | 168.84 | 2,636.12 | 2,911.30 | 275.18 |
| 331.43 | 167.84 | 276.36 | 3,222.71 | 199.30 | 3,023.41 | 3,023.41 | see below |
| 177.43 | 86.65 | 145.51 | 1,740.78 | 95.56 | 1,645.22 | 1,645.22 | " |
| 109,831.90 | 58,799.67 | 94,007.29 | 1,028,215.84 | (77,089.10) | 951,126.74 | 982,135.66 | 31,008.92 |
| 508.86 | 254.49 | 421.87 | 4,963.49 | (294.86) | 4,668.63 | 4,668.63 | ..... |
| 47,993.16 | 26,802.78 | 53,740.82 | 492,360.95 | 77,383.96 | 569,744.91 | 569,744.91 | ..... |
| 158,333.92 | 85,856.94 | 148,169.98 | 1,525,540.28 | ..... | 1,525,540.28 | 1,556,549.20 | 31,008.92 |

RURAL POWER DISTRICTS

T.B.—RURAL OPERATING

District, the revenues collected from (or charged to) customers within each District; the Municipalities comprising certain other Districts upon ascertainment in the year ending October 31, 1936

| Distribution costs and fixed charges | | | Total cost | Revenue from power and light customers in each district | Amounts remaining to be credited to certain districts or charged to the municipalities comprising certain other districts | |
|--------------------------------------|---|-----------------|---------------|---|---|---------|
| Interest | Provision for depreciation and obsolescence | Sinking fund | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 1,714.28 | 622.05 | 374.30 | 8,223.58 | 9,382.73 | 1,159.15 | ..... |
| 1,226.43 | 445.03 | 267.78 | 5,182.27 | 4,543.51 | ..... | 638.76 |
| 2,940.71 | 1,067.08 | 642.08 | 13,405.85 | 13,926.24 | 1,159.15 | 638.76 |

THUNDER BAY

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year; also the net amount Credited ending October 31, 1936, and the accumulated amount standing

| Municipality | Date commenced operating | Net credit or charge at October 31, 1935 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|---|--------------------------|--|----------|--|----------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Fort William..... | Oct. 1926 | | 446.00 | 446.00 | |
| Nipigon twp..... | Jan. 1925 | 338.72 | | | 338.72 |
| Port Arthur..... | Dec. 1910 | 2,577.48 | | | 2,577.48 |
| RURAL POWER DISTRICTS | | | | | |
| Fort William R.P.D.—Neebing, Oliver and Paipoonge twps..... | Oct. 1932 | 462.89 | | | 500.00 |
| Port Arthur R.P.D.—Shuniah twp..... | Jan. 1932 | | 4,583.24 | | 160.00 |
| Totals..... | | 3,379.09 | 5,029.24 | 446.00 | 3,576.20 |

THUNDER BAY SYSTEM

T.B.—SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder, as part of the cost of power delivered thereto, together with the proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1936

| Municipality | Period of years ending October 31, 1936 | Amount |
|---|---|--------------|
| | | \$ c. |
| Fort William..... | 10 years | 379,377.22 |
| Nipigon twp..... | 10 " | 2,536.28 |
| Port Arthur..... | 10 " | 1,270,558.91 |
| Total—Municipalities..... | | 1,652,472.41 |
| RURAL POWER DISTRICTS | | |
| Fort William R.P.D.—Neebing, Oliver and Paipoonge twps..... | 5 years | 2,929.74 |
| Port Arthur R.P.D..... | 5 " | 1,774.71 |
| Total—Rural power districts..... | | 4,704.45 |
| Total—Municipalities..... | | 1,652,472.41 |
| Total—Rural power districts..... | | 4,704.45 |
| Grand total..... | | 1,657,176.86 |

SYSTEM

T.B.—CREDIT OR CHARGE

supplied to it to October 31, 1935, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1936

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1936 | | Accumulated amount standing as a credit or charge on October 31, 1936 | |
|--|---------|---|---------|---|----------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| | 8.38 | 6,292.11 | | 6,283.73 | |
| 4.75 | | 275.18 | | 279.93 | |
| 47.61 | | 24,441.63 | | 24,489.24 | |
| | | | | | |
| | 1.48 | 1,159.15 | | 1,120.56 | |
| | 189.73 | | 638.76 | | 5,571.73 |
| | | | | | |
| 52.36 | 199.59 | 32,168.07 | 638.76 | 32,173.46 | 5,571.73 |

MANITOULIN ISLAND

Statement showing the costs of distribution of power within the Rural Power District;
amount remaining to be credited to this District upon ascertainment (by

| Rural power district | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power purchased |
|---|---|------------------|-------------------------|-------------------------|
| | Total capital cost | Government grant | Commission's investment | |
| | \$ c. | \$ c. | \$ c. | \$ c. |
| Manitoulin R.P.D.—Billings, Carnarvon, and Gordon and Allan twps., Town of Gore Bay and Indian Reserve..... | 65,583.07 | 29,860.88 | 35,722.19 | 3,750.00 |

MANITOULIN ISLAND

Statement showing the net charge to Manitoulin Rural Power District in respect
net amount credited this Rural Power District in respect of power
amount standing as a charge

| Rural power district | Date commenced operating | Net charge at October 31, 1935 | Adjustments made during the year |
|---|--------------------------|--------------------------------|----------------------------------|
| | | Charge | Charged |
| | | \$ c. | \$ c. |
| Manitoulin R.P.D.—Billings, Carnarvon, and Gordon and Allan twps., Town of Gore Bay and Indian Reserve..... | Dec. 1932 | 3,607.15 | 30.00 |

RURAL POWER DISTRICT

MANITOULIN—RURAL OPERATING

the revenue collected from (or charged to) customers within the District and the annual adjustment) of the actual costs in the year ending October 31, 1936

| Distribution costs and fixed charges | | | | | Revenue from power and light customers in each district | Amount remaining to be credited to the district |
|--|----------|-------------------------------|--------------|------------|---|---|
| Cost of operation maintenance and administration | Interest | Depreciation and obsolescence | Sinking fund | Total cost | | Credited |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 1,216.99 | 1,523.98 | 1,147.70 | 376.15 | 8,014.82 | 8,864.56 | 849.74 |

RURAL POWER DISTRICT

MANITOULIN—CREDIT OR CHARGE

of power supplied to it to October 31, 1935, interest added during the year; also the supplied in the year ending October 31, 1936, and the accumulated at October 31, 1936.

| Interest at 4% per annum added during the year | Net amount credited in respect of power supplied in the year ending October 31, 1936 | Accumulated amount standing as a charge on October 31, 1936 |
|--|--|---|
| Charged | Credited | Charge |
| \$ c. | \$ c. | \$ c. |
| 145.49 | 849.74 | 2,932.90 |

NIPISSING RURAL

Statement showing the costs of distribution of power within each Rural Power and the amounts remaining to be credited to certain of the actual costs in the

| Rural power district | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power purchased from Nipissing District of Northern Ontario Properties |
|---|---|------------------|-------------------------|--|
| | Total capital cost | Government grant | Commission's investment | |
| | \$ c. | \$ c. | \$ c. | \$ c. |
| North Bay R.P.D.—West Ferris and Widdifield twps. | 53,194.61 | 26,225.44 | 26,969.17 | 5,398.64 |
| Powassan R.P.D.—Himsworth S. twp. | 6,551.90 | 3,275.95 | 3,275.95 | 183.34 |
| Total capital | 59,746.51 | 29,501.39 | 30,245.12 | 5,581.98 |
| Non-operating capital | 588.15 | 294.07 | 294.08 | |
| Grand totals | 60,334.66 | 29,795.46 | 30,539.20 | 5,581.98 |

NIPISSING RURAL

Statement showing the net Credit to each Rural Power District in respect of power amount credited to each Rural Power District in respect of accumulated amount standing as a credit to

| Rural power district | Date commenced operating | Net credit at October 31, 1935 |
|---|--------------------------|--------------------------------|
| | | Credit |
| | | \$ c. |
| North Bay R.P.D.—West Ferris and Widdifield twps. | June, 1927 | 10,993.54 |
| Powassan R.P.D.—Himsworth S. twp. | Nov., 1931 | 337.34 |
| Totals | | 11,330.88 |

POWER DISTRICTS

NIPISSING RURAL—OPERATING

District, the revenues collected from (or charged to) customers within each District, Districts upon ascertainment (by annual adjustment)
year ending October 31, 1936

| Cost of operation maintenance and administration | Interest | Provision for depreciation and obsolescence | Provision for sinking fund | Total cost | Revenue from power and light customers in each district | Amounts remaining to be credited to certain districts |
|--|----------|---|----------------------------|------------|---|---|
| | | | | | | Credited |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 3,088.08 | 1,209.96 | 874.81 | 267.11 | 10,838.60 | 11,193.30 | 354.70 |
| 138.55 | 150.05 | 110.10 | 33.12 | 615.16 | 764.27 | 149.11 |
| 3,226.63 | 1,360.01 | 984.91 | 300.23 | 11,453.76 | 11,957.57 | 503.81 |
| 3,226.63 | 1,360.01 | 984.91 | 300.23 | 11,453.76 | 11,957.57 | 503.81 |

POWER DISTRICTS

NIPISSING RURAL—CREDIT OR CHARGE

supplied to it to October 31, 1935, the interest added during the year; also the net power supplied in the year ending October 31, 1936, and the each Rural Power District at October 31, 1936

| Interest at 4% per annum added during the year | Net amount credited in respect of power supplied in the year ending October 31, 1936 | Accumulated amount standing as a credit on October 31, 1936 |
|--|--|---|
| Credited | Credited | Credit |
| \$ c. | \$ c. | \$ c. |
| 439.74 | 354.70 | 11,787.98 |
| 13.49 | 149.11 | 499.94 |
| 453.23 | 503.81 | 12,287.92 |

NIPISSING RURAL POWER DISTRICTS

SINKING FUND

Statement showing Sinking Fund paid by each Rural Power District in the periods mentioned hereunder, as part of the cost of power delivered thereto and interest allowed thereon to October 31, 1936

| Rural power district | Period of years ending October 31, 1936 | Amount |
|---|---|-------------------|
| North Bay R.P.D.—West Ferris and Widdifield twps..... | 7 years | \$ c. 1,427.99 |
| Powassan R.P.D.—Himsworth S. twp..... | 5 " | 146.44 |
| Total..... | | 1,574.43 |

NORTHERN ONTARIO PROPERTIES

(Operated by The Hydro-Electric Power Commission of Ontario)

FINANCIAL ACCOUNTS

For the Year ended October 31, 1936

Relating to Power Properties which are held and operated by the
Commission in trust for the Province of Ontario, and which
are situated in the following Northern Districts:

Nipissing

Abitibi

Patricia

Sudbury

Espanola

St. Joseph

STATEMENTS

Balance Sheet as at October 31, 1936

Operating and Income Accounts for the Year ended October 31, 1936

Schedules supporting the Balance Sheet as at October 31, 1936

Fixed Assets—By Districts

Depreciation and Obsolescence Reserves

Contingency Reserves

Sinking Fund Reserves

NORTHERN ONTARIO

(Operated by The Hydro-Electric

Balance Sheet as at

ASSETS

INVESTMENTS:

Fixed Assets in Service:

| | |
|--------------------------|----------------|
| Nipissing District..... | \$1,674,141.70 |
| Sudbury District..... | 2,787,179.51 |
| Abitibi District..... | 26,176,455.77 |
| Espanola District..... | 12,900.81 |
| Patricia District..... | 506,880.79 |
| St. Joseph District..... | 682,238.08 |

\$31,839,796.66

Fixed Assets under Construction..... 313,892.46

\$32,153,689.12

CURRENT AND ACCRUED ASSETS:

| | |
|---|---------------|
| Special deposits for matured interest unpaid..... | \$ 21,949.39 |
| Sundry accounts receivable..... | 63,243.95 |
| Power accounts receivable..... | 243,563.10 |
| Province of Ontario—Deficit contributions..... | 435,146.19 |
| Consumers' and contractors' deposits: | |
| Securities—Bonds at par value..... | \$ 424,700.00 |
| Securities—Stocks at market value..... | 187,187.50 |

611,887.50

1,375,790.13

DEFERRED DEBITS:

| | |
|---|--------------|
| Maintenance materials and supplies..... | \$ 46,314.76 |
| Construction tools and equipment..... | 45,439.48 |
| Prepayments..... | 46,809.54 |
| Unamortized debt discount..... | 19,023.33 |

157,587.11

SPECIAL FUNDS:

Contingency reserve funds:

*Amount receivable from current assets—per contra..... 94,979.54

\$33,782,045.90

Approved by:—

A. MURRAY McCRIMMON - - Secretary and Controller

T. S. LYON - - - - Chairman of the Commission

A. W. ROEBUCK - - - - - Commissioner

T. B. McQUESTEN - - - - - Commissioner

PROPERTIES

Power Commission of Ontario)

October 31, 1936

LIABILITIES, RESERVES AND EQUITY

LONG-TERM LIABILITIES:

| | | |
|--|-----------------|-----------------|
| Funded debt in the hands of the public..... | \$22,626,950.00 | |
| Purchase Agreement—Falconbridge transformer station..... | 46,033.70 | |
| | | \$22,672,983.70 |

CURRENT AND ACCRUED LIABILITIES:

| | | |
|---|---------------|--|
| Accounts payable..... | \$ 100,191.81 | |
| Matured debenture interest unpaid..... | 21,949.39 | |
| Debenture interest accrued..... | 72,245.27 | |
| Miscellaneous Accrued Liabilities..... | 5.54 | |
| Hydro-Electric Power Commission of Ontario..... | 873,403.41 | |
| Liability for consumers' and contractors' deposits..... | 644,474.12 | |

\$ 1,712,269.54

*Liability to special funds—per contra..... 94,979.54

1,807,249.08

DEFERRED CREDITS:

| | |
|-------------------------------------|----------|
| Miscellaneous deferred credits..... | 2,845.50 |
|-------------------------------------|----------|

RESERVES:

Depreciation reserves:

Additions to property through depreciation reserves.....\$ 1,103,591.13

Contingency reserves:

Additions to property through contingency

reserves.....\$ 206,222.56

Contingency reserve funds..... 94,979.54

301,202.10

1,404,793.23

EQUITY OF THE PROVINCE OF ONTARIO:

Advances from the Province of Ontario for:

Capital expenditures.....\$ 7,168,053.63

Operating deficits and sinking fund appropriations..... 888,802.80

\$ 8,056,856.43

Deficit account:

Balance at November 1, 1935.....\$ 841,711.18

Net income for the year ended October 31, 1936 343,764.31

\$ 497,946.87

Sinking fund appropriations for the year ended

October 31, 1936..... 390,855.93

Balance at October 31, 1936..... 888,802.80

\$ 7,168,053.63

Sinking fund reserves:

Provincial advances repaid through sinking funds..... 726,120.76

7,894,174.39

\$33,782,045.90

Auditors' Certificate

We have examined the Books and Accounts of the Northern Ontario Properties for the year ended the 31st October, 1936, and report that, in conjunction with our Annual Report to the Lieutenant-Governor in Council, in our opinion the above Balance Sheet is properly drawn up so as to exhibit a true and correct view of the state of the affairs of Northern Ontario Properties at the 31st October, 1936, according to the best of our information and the explanations given to us and as shown by the books of the Properties. We have obtained all the information and explanations we have required.

Dated at Toronto, Ontario,
12th April, 1937.

OSCAR HUDSON AND CO.,
Chartered Accountants,
Auditors.

NORTHERN ONTARIO

(Operated by The Hydro-Electric
Operating and Income Accounts for the

| | Nipissing District | Sudbury District | Abitibi District |
|--|-----------------------|---------------------|---------------------|
| OPERATING REVENUES: | \$ c. | \$ c. | \$ c. |
| Power sold to private companies and customers..... | 241,565.83 | 390,060.33 | 1,411,107.22 |
| Power supplied to rural power districts..... | 5,658.87 | | |
| Total operating revenues..... | 247,224.70 | 390,060.33 | 1,411,107.22 |
| OPERATING EXPENSES: | | | |
| Power purchased..... | | 9,504.09 | 689.30 |
| Operation, maintenance and administration expenses..... | 91,155.91 | 82,121.78 | 264,178.48 |
| Depreciation provision for the year: | | | |
| Principal amount..... | 17,751.77 | 27,709.72 | 188,750.34 |
| Interest on reserves' balances..... | 11,701.32 | 5,810.96 | 15,099.24 |
| Total provision..... | 29,453.09 | 33,520.68 | 203,849.58 |
| Contingency provision for the year: | | | |
| Principal amount..... | 8,597.49 | 18,473.14 | |
| Interest on reserves' balances..... | 6,150.01 | 4,905.51 | |
| Total provision..... | 14,747.50 | 23,378.65 | |
| Total operating expenses..... | 135,356.50 | 148,525.20 | 468,717.36 |
| NET OPERATING INCOME..... | 111,868.20 | 241,535.13 | 942,389.86 |
| NON-OPERATING INCOME: | | | |
| Income from depreciation fund investments..... | 19,756.80 | 11,666.82 | 957.51 |
| Interest during construction..... | .84 | 987.18 | 7,691.41 |
| Commission's interest adjustment..... | 11,846.00 | 3,618.15 | 39,972.85 |
| Total non-operating income..... | 31,603.64 | 16,272.15 | 31,323.93 |
| GROSS INCOME..... | 143,471.84 | 257,807.28 | 911,065.93 |
| DEDUCTIONS FROM GROSS INCOME: | | | |
| Interest on long-term debt: | | | |
| H-E.P.C. debentures..... | | | 691,943.25 |
| Ontario Government bonds..... | 77,679.32 | 127,055.82 | 117,209.47 |
| Exchange and commissions: | | | |
| H-E.P.C. debentures..... | | | 696.95 |
| Ontario Government bonds..... | 922.22 | 1,508.42 | 1,391.52 |
| Amortization of debt discount..... | | | 2,634.00 |
| Miscellaneous interest deductions..... | 430.81 | 0.66 | 40,624.32 |
| Total deductions from gross income..... | 79,032.35 | 128,564.90 | 854,499.51 |
| NET INCOME (or <i>Loss</i>)..... | 64,439.49 | 129,242.38 | 56,566.42 |
| DISPOSITION OF NET INCOME: | | | |
| Sinking fund appropriation: | | | |
| Principal amount..... | 17,627.38 | 28,822.17 | 269,780.82 |
| Interest on reserves' balances..... | 705.35 | 1,148.93 | 9,743.63 |
| Total appropriation..... | 18,332.73 | 29,971.10 | 279,524.45 |
| SURPLUS (or <i>Deficit</i>) AFTER SINKING FUND APPROPRIATION..... | 46,106.76 | 99,271.28 | 222,958.03 |

PROPERTIES

Power Commission of Ontario)
Years Ended October 31, 1935 and 1936

| Espanola District | Patricia District | St. Joseph District | Total for Northern Ontario Properties | | |
|-----------------------------|--------------------------------|---------------------------------|--|---------------------------------------|--------------------------------------|
| | | | 1935-36 | 1934-35 | <i>Decrease or Increase</i> |
| \$ c. 4,160. 16 | \$ c. 100,827. 50 | \$ c. 88,858. 73 | \$ c. 2,236,579. 77 5,658. 87 | \$ c. 1,679,356. 01 5,020. 05 | \$ c. 557,223. 76 638. 82 |
| 4,160. 16 | 100,827. 50 | 88,858. 73 | 2,242,238. 64 | 1,684,376. 06 | 557,862. 58 |
| 5,732. 00 | ..... | ..... | 15,925. 39 | 12,089. 83 | 3,835. 56 |
| 1,114. 55 | 35,615. 29 | 22,637. 46 | 496,823. 47 | 419,546. 01 | 77,277. 46 |
| 193. 51 19. 15 | 1,542. 23 | ..... ..... | 234,405. 34 34,172. 90 | 215,896. 87 24,607. 45 | 18,508. 47 9,565. 45 |
| 212. 66 | 1,542. 23 | ..... | 268,578. 24 | 240,504. 32 | 28,073. 92 |
| 129. 01 9. 99 | 375. 85 | ..... ..... | 27,199. 64 11,441. 36 | 27,199. 50 10,136. 89 | 0. 14 1,304. 47 |
| 139. 00 | 375. 85 | ..... | 38,641. 00 | 37,336. 39 | 1,304. 61 |
| 7,198. 21 | 37,533. 37 | 22,637. 46 | 819,968. 10 | 709,476. 55 | 110,491. 55 |
| 3,038. 05 | 63,294. 13 | 66,221. 27 | 1,422,270. 54 | 974,899. 51 | 447,371. 03 |
| 122. 72 | 2,768. 44 493. 13 40. 35 | 4,238. 59 1,121. 41 | 35,149. 57 13,411. 15 25,793. 18 | 29,317. 43 5,196. 74 71,770. 96 | 5,832. 14 8,214. 41 45,977. 78 |
| 122. 72 | 3,221. 22 | 3,117. 18 | 22,767. 54 | 37,256. 79 | 60,024. 33 |
| 3,160. 77 | 66,515. 35 | 69,338. 45 | 1,445,038. 08 | 937,642. 72 | 507,395. 36 |
| 50. 39 | 23,964. 92 | 8,333. 33 3,718. 20 | 700,276. 58 349,678. 12 | 617,647. 53 369,888. 41 | 82,629. 05 20,210. 29 |
| 0. 60 | 284. 51 | 77. 44 44. 14 | 774. 39 4,151. 41 | 762. 95 1,143. 18 | 11. 44 3,008. 23 |
| 90. 80 | ..... ..... | 292. 67 2,320. 01 | 2,926. 67 43,466. 60 | 990. 39 | 2,926. 67 42,476. 21 |
| 141. 79 | 24,249. 43 | 14,785. 79 | 1,101,273. 77 | 990,432. 46 | 110,841. 31 |
| 3,302. 56 | 42,265. 92 | 54,552. 66 | 343,764. 31 | 52,789. 74 | 396,554. 05 |
| 135. 85 10. 52 | 25,657. 65 888. 21 | 35,646. 74 688. 68 | 377,670. 61 13,185. 32 | 335,264. 83 | 42,405. 78 13,185. 32 |
| 146. 37 | 26,545. 86 | 36,335. 42 | 390,855. 93 | 335,264. 83 | 55,591. 10 |
| 3,448. 93 | 15,720. 06 | 18,217. 24 | 47,091. 62 | 388,054. 57 | 340,962. 95 |

NORTHERN ONTARIO PROPERTIES

(Operated by The Hydro-Electric Power Commission of Ontario)

Fixed Assets at October 31, 1936

| DISTRICT | Net capital expenditures for the year | Fixed Assets under Construction | Fixed Assets in Service | | | |
|---------------------------|---------------------------------------|---------------------------------|-----------------------------------|-------------------|---------------|---------------|
| | | | Water rights and intangible items | Physical property | | Total |
| | | | | Non-depreciable | Depreciable | |
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| NIPISSING: | | | | | | |
| Power Plants: | | | | | | |
| South River: | | | | | | |
| Nipissing..... | 311.32 | | | 11,099.60 | 239,043.29 | 250,142.89 |
| Bingham's Chute..... | 492.16 | | | 12,098.60 | 227,835.04 | 239,933.64 |
| Elliot Chute..... | 700.00 | | | 119,357.09 | 335,124.99 | 454,482.08 |
| Storage Dams..... | 7,348.51 | | | | 74,522.70 | 74,522.70 |
| Miscellaneous..... | | | | | 6,390.46 | 6,390.46 |
| Intangible..... | | | 69,478.34 | | | 69,478.34 |
| | 7,245.03 | | 69,478.34 | 142,555.29 | 882,916.48 | 1,094,950.11 |
| Transformer Stations..... | 129.13 | | | | 16,932.22 | 16,932.22 |
| Transmission Lines..... | 561.47 | | | | 172,963.28 | 172,963.28 |
| Local Systems..... | 6,870.43 | | 22,649.50 | | 366,646.59 | 389,296.09 |
| | 806.94 | | 92,127.84 | 142,555.29 | 1,439,458.57 | 1,674,141.70 |
| SUDBURY: | | | | | | |
| Power Plants: | | | | | | |
| Wahnapiatae River: | | | | | | |
| Coniston..... | 6,200.79 | 5,784.25 | | 13,200.00 | 508,224.06 | 521,424.06 |
| McVittie..... | 110,308.54 | 111,647.45 | | 13,200.00 | 290,122.75 | 303,322.75 |
| Stinson..... | 6,160.84 | 6,160.84 | | 33,000.00 | 624,381.66 | 657,381.66 |
| Storage Dam..... | | | | | 194,870.00 | 194,870.00 |
| Intangible..... | | | 830,614.53 | | | 830,614.53 |
| | 122,670.17 | 123,592.54 | 830,614.53 | 59,400.00 | 1,617,598.47 | 2,507,613.00 |
| Transformer Stations..... | 35,537.50 | | | | 82,970.61 | 82,970.61 |
| Transmission Lines..... | 19,939.50 | 82.36 | | | 196,595.90 | 196,595.90 |
| | 178,147.17 | 123,674.90 | 830,614.53 | 59,400.00 | 1,897,164.98 | 2,787,179.51 |
| ABITIBI: | | | | | | |
| Power Plants: | | | | | | |
| Abitibi River: | | | | | | |
| Abitibi Canyon..... | 2,144,771.95 | | | 5,472,496.27 | 14,178,300.07 | 19,650,796.34 |
| Transformer Stations..... | 268,357.35 | 39,149.32 | | | 904,983.37 | 904,983.37 |
| Transmission Lines..... | *2,709,327.61 | 45,407.36 | | 608,839.34 | 4,976,993.96 | 5,585,833.30 |
| Local Systems..... | 23,266.54 | 977.43 | | | 34,842.76 | 34,842.76 |
| | 856,179.55 | 85,534.11 | | 6,081,335.61 | 20,095,120.16 | 26,176,455.77 |

*Includes \$2,332,113.42 transferred from Abitibi Canyon Development for lines acquired in the purchase of properties of Ontario Power Service Corporation, Ltd.

NORTHERN ONTARIO PROPERTIES

(Operated by The Hydro-Electric Power Commission of Ontario)

Fixed Assets at October 31, 1936

| DISTRICT | Net capital expenditures for the year | Fixed Assets under Construction | Fixed Assets in Service | | | |
|---------------------------------------|---------------------------------------|---------------------------------|-----------------------------------|-------------------|--------------|------------|
| | | | Water rights and intangible items | Physical property | | Total |
| | | | | Non-depreciable | De-preciable | |
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| ESPAÑOLA: | | | | | | |
| Transformer Stations..... | | | | | 2,382.77 | 2,382.77 |
| Transmission Lines..... | *9,911.59 | | | | 10,518.04 | 10,518.04 |
| | 9,911.59 | | | | 12,900.81 | 12,900.81 |
| PATRICIA: | | | | | | |
| Power Plants: | | | | | | |
| English River: | | | | | | |
| Ear Falls..... | 114,045.92 | 99,431.91 | | | 503,275.12 | 503,275.12 |
| Transformer Stations..... | 1,588.24 | 1,035.46 | | | 3,605.67 | 3,605.67 |
| | 115,634.16 | 100,467.37 | | | 506,880.79 | 506,880.79 |
| St. JOSEPH: | | | | | | |
| Power Plants: | | | | | | |
| Albany River: | | | | | | |
| Rat Rapids..... | 269,185.21 | | | | 647,436.59 | 647,436.59 |
| Donations in aid of construction..... | | | | | 80,000.00 | 80,000.00 |
| | 269,185.21 | | | | 567,436.59 | 567,436.59 |
| Transformer Stations..... | 1,280.29 | 739.01 | | | 2,915.35 | 2,915.35 |
| Transmission Lines..... | 4,276.57 | 3,477.07 | | | 111,886.14 | 111,886.14 |
| | 274,742.07 | 4,216.08 | | | 682,238.08 | 682,238.08 |

*Includes \$9,987.24 reduction in purchase cost of transmission line.

SUMMARY

| DISTRICT | Net capital expenditures for the year | Fixed Assets under Construction | Fixed Assets in Service | | | |
|----------------------|---------------------------------------|---------------------------------|-----------------------------------|-------------------|---------------|---------------|
| | | | Water rights and intangible items | Physical property | | Total |
| | | | | Non-depreciable | Depreciable | |
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Nipissing District | 806.94 | | 92,127.84 | 142,555.29 | 1,439,458.57 | 1,674,141.70 |
| Sudbury District.. | 178,147.17 | 123,674.90 | 830,614.53 | 59,400.00 | 1,897,164.98 | 2,787,179.51 |
| Abitibi District.... | 856,179.55 | 85,534.11 | | 6,081,335.61 | 20,095,120.16 | 26,176,455.77 |
| Espanola District | 9,911.59 | | | | 12,900.81 | 12,900.81 |
| Patricia District... | 115,634.16 | 100,467.37 | | | 506,880.79 | 506,880.79 |
| St. Joseph District | 274,742.07 | 4,216.08 | | | 682,238.08 | 682,238.08 |
| | 1,413,984.42 | 313,892.46 | 922,742.37 | 6,283,290.90 | 24,633,763.39 | 31,839,796.66 |

NORTHERN ONTARIO

(Operated by The Hydro-Electric

Depreciation Reserves

| | Nipissing District | Sudbury District |
|---|-----------------------|---------------------|
| | \$ c. | \$ c. |
| Balances at November 1, 1935..... | 292,533.06 | 145,274.02 |
| Deduct—amount transferred to contingencies..... | 15,211.36 | ..... |
| | 277,321.70 | 145,274.02 |
| Depreciation provision for the year: | | |
| Principal—as per income statement..... | 17,751.77 | 27,709.72 |
| Interest on reserves' balances..... | 11,701.32 | 5,810.96 |
| Total provision..... | 29,453.09 | 33,520.68 |
| Sub-total..... | 306,774.79 | 178,794.70 |
| Expenditures for the year..... | 2,637.58 | 1,360.15 |
| Balances at October 31, 1936..... | 304,137.21 | 177,434.55 |

Contingency Reserves

| | Nipissing District | Sudbury District |
|---|-----------------------|---------------------|
| | \$ c. | \$ c. |
| Balances at November 1, 1935..... | 153,750.17 | 122,637.63 |
| Add—amount transferred from depreciation and obsolescence reserves..... | 15,211.36 | ..... |
| | 168,961.53 | 122,637.63 |
| Contingency provision for the year: | | |
| Principal—as per income statement..... | 8,597.49 | 18,473.14 |
| Interest on reserves' balances..... | 6,150.01 | 4,905.51 |
| Total provision..... | 14,747.50 | 23,378.65 |
| Sub-total..... | 183,709.03 | 146,016.28 |
| Contingencies met with during the year..... | 8,347.76 | 29,795.38 |
| Balances at October 31, 1936..... | 175,361.27 | 116,220.90 |

Sinking Fund Reserves

| | Nipissing District | Sudbury District |
|--|-----------------------|---------------------|
| | \$ c. | \$ c. |
| Balances at November 1, 1935..... | 17,633.87 | 28,723.20 |
| Sinking Fund appropriation for the year: | | |
| Principal—as per income statement..... | 17,627.38 | 28,822.17 |
| Interest on reserves' balances..... | 705.35 | 1,148.93 |
| Total provision..... | 18,332.73 | 29,971.10 |
| Balances at October 31, 1936..... | 35,966.60 | 58,694.30 |

PROPERTIES

Power Commission of Ontario)

—October 31, 1936

| Abitibi District | Espanola District | Patricia District | St. Joseph District | Total for Northern Ontario Properties |
|------------------------------|--------------------------|-----------------------------|-------------------------|---------------------------------------|
| \$ c. 377,481.05 | \$ c. 478.69 | \$ c. 38,555.71 | \$ c. | \$ c. 854,322.53 15,211.36 |
| 377,481.05 | 478.69 | 38,555.71 | ..... | 839,111.17 |
| 188,750.34 | 193.51 | ..... | ..... | 234,405.34 |
| 15,099.24 | 19.15 | 1,542.23 | ..... | 34,172.90 |
| 203,849.58 | 212.66 | 1,542.23 | ..... | 268,578.24 |
| 581,330.63 | 691.35 | 40,097.94 | ..... | 1,107,689.41 |
| 61.50 | ..... | 39.05 | ..... | 4,098.28 |
| 581,269.13 | 691.35 | 40,058.89 | ..... | 1,103,591.13 |

—October 31, 1936

| Abitibi District | Espanola District | Patricia District | St. Joseph District | Total for Northern Ontario Properties |
|-------------------------|--------------------------|----------------------------|-------------------------|---------------------------------------|
| \$ c. | \$ c. 249.80 | \$ c. 9,396.23 | \$ c. | \$ c. 286,033.83 15,211.36 |
| ..... | 249.80 | 9,396.23 | ..... | 301,245.19 |
| ..... | 129.01 | ..... | ..... | 27,199.64 |
| ..... | 9.99 | 375.85 | ..... | 11,441.36 |
| ..... | 139.00 | 375.85 | ..... | 38,641.00 |
| ..... | 388.80 | 9,772.08 | ..... | 339,886.19 |
| ..... | ..... | 540.95 | ..... | 38,684.09 |
| ..... | 388.80 | 9,231.13 | ..... | 301,202.10 |

—October 31, 1936

| Abitibi District | Espanola District | Patricia District | St. Joseph District | Total for Northern Ontario Properties |
|---------------------|-------------------|--------------------|---------------------|---------------------------------------|
| \$ c. 243,590.80 | \$ c. 263.03 | \$ c. 25,377.50 | \$ c. 19,676.43 | \$ c. 335,264.83 |
| 269,780.82 | 135.85 | 25,657.65 | 35,646.74 | 377,670.61 |
| 9,743.63 | 10.52 | 888.21 | 688.68 | 13,185.32 |
| 279,524.45 | 146.37 | 26,545.86 | 36,335.42 | 390,855.93 |
| 523,115.25 | 409.40 | 51,923.36 | 56,011.85 | 726,120.76 |

THE HAMILTON STREET RAILWAY COMPANY

(A Subsidiary of The Hydro-Electric Power Commission of Ontario—
Niagara System)

FINANCIAL ACCOUNTS

For the Year ended October 31, 1936

Balance Sheet as at October 31, 1936

Income Account for the Year ended October 31, 1936

THE HAMILTON STREET

(A Subsidiary of The Hydro-Electric Power

Balance Sheet as at

ASSETS

INVESTMENTS:

| | | |
|---|----------------|----------------|
| Properties, road and equipment, buses, franchises, etc..... | \$4,744,561.42 | |
| Less—Surplus created by advances from The Dominion Power and Transmission Company, Limited, prior to acquisition by The Hydro-Electric Power Commission of Ontario at December 31, 1929..... | 488,846.85 | \$4,255,714.57 |

CURRENT AND ACCRUED ASSETS:

| | | |
|--------------------------|------------|----------|
| Cash..... | \$6,699.59 | |
| Accounts receivable..... | 2,664.95 | 9,364.54 |

DEFERRED DEBITS:

| | | |
|--|-------------|-----------------------|
| Material and supplies..... | \$42,865.28 | |
| Conductors' and employees' advances..... | 13,445.00 | |
| Prepayments..... | 5,531.37 | 61,841.65 |
| | | <u>\$4,326,920.76</u> |

Approved by:—

A. MURRAY McCRIMMON - Secretary and Controller.

T. S. LYON - - - - - President.

T. B. McQUESTEN - - - - - Director.

RAILWAY COMPANY

Commission of Ontario—Niagara System)

October 31, 1936

LIABILITIES, RESERVES AND CAPITAL

CAPITAL STOCK:

| | | |
|---|----------------|----------------|
| Authorized: 80,000 shares of a par value of \$50.00 each..... | \$4,000,000.00 | |
| Issued: 64,100 shares of a par value of \$50.00 each..... | | \$3,205,000.00 |

ADVANCES FROM THE HYDRO-ELECTRIC POWER COMMISSION OF
ONTARIO:

| | | |
|---------------------------------|--|------------|
| Advances for working funds..... | | 102,500.16 |
|---------------------------------|--|------------|

CURRENT AND ACCRUED LIABILITIES:

| | | |
|-----------------------|--|-----------|
| Accounts payable..... | | 12,543.22 |
|-----------------------|--|-----------|

RESERVES:

| | | |
|--|--------------|--------------|
| Reserve for depreciation—road and equipment..... | \$978,968.97 | |
| Insurance reserves..... | 27,036.78 | |
| Operating reserves..... | 19,496.37 | |
| | | 1,025,502.12 |

CORPORATE DEFICIT:

| | | |
|---|------------|-----------------------|
| Credit balance, October 31, 1935..... | \$7,208.78 | |
| Net loss for the year ended October 31, 1936..... | 25,833.52 | |
| Debit balance, October 31, 1936..... | | 18,624.74 |
| | | <u>\$4,326,920.76</u> |

Auditors' Certificate

We have examined the Books and Accounts of The Hamilton Street Railway Company for the year ended the 31st October, 1936, and report that, subject to the comments contained in our Annual Report on the Accounts of The Hydro-Electric Power Commission of Ontario, in our opinion the above Balance Sheet is properly drawn up so as to exhibit a true and correct view of the state of the Company's affairs at the 31st October, 1936, according to the best of our information and the explanations given to us and as shown by the books of the Company. We have obtained all the information and explanations we have required.

OSCAR HUDSON AND CO.,

Dated at Toronto, Ontario,
28th April, 1937.

Chartered Accountants,
Auditors.

THE HAMILTON STREET RAILWAY COMPANY

(A Subsidiary of The Hydro-Electric Power Commission of Ontario—Niagara System)
Operating and Income Accounts for the Year Ended October 31, 1936

Operating Account

| | Tramways | | Buses | | Total | |
|---|----------|----|----------|----|------------|----|
| | \$ | c. | \$ | c. | \$ | c. |
| OPERATING REVENUES: | | | | | | |
| Revenue from transportation..... | 795,784. | 65 | 200,525. | 31 | 996,309. | 96 |
| Revenue from other operations..... | 6,065. | 02 | 574. | 77 | 6,639. | 79 |
| Operating revenues..... | 801,849. | 67 | 201,100. | 08 | 1,002,949. | 75 |
| OPERATING EXPENSES: | | | | | | |
| Maintenance of way and structures..... | 119,518. | 96 | | | 119,518. | 96 |
| Maintenance of equipment..... | 71,267. | 76 | 42,769. | 40 | 114,037. | 16 |
| Power purchased..... | 156,692. | 52 | | | 156,692. | 52 |
| Transportation expenses..... | 260,348. | 04 | 112,492. | 14 | 372,840. | 18 |
| Traffic expenses..... | 30. | 00 | | | 30. | 00 |
| General and miscellaneous expenses..... | 73,224. | 63 | 11,131. | 34 | 84,355. | 97 |
| Depreciation provision..... | 150,000. | 00 | 6,763. | 72 | 156,763. | 72 |
| Operating expenses..... | 831,081. | 91 | 173,156. | 60 | 1,004,238. | 51 |
| NET OPERATING DEFICIT..... | 29,232. | 24 | 27,943. | 48 | 1,288. | 76 |
| Taxes..... | 23,429. | 90 | 1,920. | 00 | 25,349. | 90 |
| NET OPERATING LOSS..... | 52,662. | 14 | 26,023. | 48 | 26,638. | 66 |

Income Account

| | | |
|--|-----------|----|
| NET OPERATING LOSS (as above)..... | \$26,638. | 66 |
| Interest on advances from Niagara System..... | 6,257. | 45 |
| NET LOSS..... | \$32,896. | 11 |
| MISCELLANEOUS CREDITS (net): | | |
| Adjustment of interest on open account—T.H. & B. Rly..... | \$2,124. | 12 |
| Adjustment of expenditure claim against the T.H. & B. Rly..... | 995. | 78 |
| Reduction in operating reserve for tire replacements..... | 5,934. | 25 |
| | 7,062. | 59 |
| DEBIT BALANCE TRANSFERRED TO DEFICIT ACCOUNT..... | \$25,833. | 52 |

GUELPH RADIAL RAILWAY

(Operated by The Hydro-Electric Power Commission of Ontario)

FINANCIAL ACCOUNTS

For the Year ended October 31, 1936

Balance Sheet as at October 31, 1936

Operating and Income Accounts for the Year ending October 31, 1936

GUELPH RADIAL

(Operated by The Hydro-Electric

Balance Sheet as at

ASSETS

INVESTMENTS:

| | |
|-------------------------|--------------|
| Road and equipment..... | \$441,193.53 |
|-------------------------|--------------|

CURRENT AND ACCRUED ASSETS:

| | |
|--|-------------|
| Cash..... | \$39,024.38 |
| Miscellaneous accounts receivable..... | 1,698.35 |
| Interest receivable..... | 1,237.50 |

\$41,960.23

City of Guelph:

| | |
|--|-------------|
| Operating deficit for year ended October 31, 1936 | \$42,267.45 |
| Less:—Amount due to the City of Guelph as per purchase agreement..... | 11,700.00 |

\$30,567.45

| | |
|--|-----------|
| Payment on deficit for the year ended October 31, 1936..... | 37,458.43 |
|--|-----------|

6,890.98

35,069.25

DEFERRED DEBITS:

| | |
|-------------------------------|------------|
| Materials and supplies..... | \$6,363.18 |
| Employees' working funds..... | 850.00 |
| Prepayments..... | 1,020.45 |

8,233.63

SPECIAL FUNDS:

| | |
|-------------------------------|-----------|
| Reserve fund investments..... | 59,141.37 |
|-------------------------------|-----------|

\$543,637.78

Approved by:—

A. MURRAY McCRIMMON - Secretary and Controller.

T. S. LYON - - - Chairman of the Commission.

T. B. McQUESTEN - - - Commissioner.

RAILWAY

Power Commission of Ontario)

October 31, 1936

LIABILITIES, RESERVES AND EQUITY

LONG-TERM DEBT:

| | |
|--|--------------|
| 5% Hydro-Radial debentures due November 1, 1970 (Issued for extensions and betterments, secured by \$300,000.00 5% City of Guelph debentures due May 1, 1971)..... | \$300,000.00 |
|--|--------------|

CURRENT AND ACCRUED LIABILITIES:

| | | |
|------------------------------|------------|-----------|
| Accounts payable..... | \$6,610.21 | |
| Matured interest unpaid..... | 7,500.00 | |
| | | 14,110.21 |

DEFERRED CREDITS:

| | |
|-----------------------------|-----------|
| Premium on funded debt..... | 20,520.68 |
|-----------------------------|-----------|

RESERVES:

| | | |
|--|-------------|-----------|
| Reserve for depreciation—road and equipment..... | \$37,102.38 | |
| Operating reserves..... | 2,872.65 | |
| | | 39,975.03 |

EQUITY OF THE CITY OF GUELPH:

| | | |
|---|--------------|---------------------|
| Purchase price of the railway as per purchase agreement of December 8, 1920..... | \$150,000.00 | |
| Less:—Thirty-one instalments thereon..... | 109,257.98 | |
| | \$40,742.02 | |
| Reserve:—Created by payment of instalments on the purchase price out of the revenue of the road and assessments against the City of Guelph..... | 109,257.98 | |
| Sinking fund reserve..... | 19,031.86 | |
| | | 169,031.86 |
| | | <u>\$543,637.78</u> |

Auditor's Certificate

We have examined the Books and Accounts of the Guelph Radial Railway for the year ended the 31st October, 1936, and report that, subject to the adequacy of the Reserve for Depreciation, in our opinion the above Balance Sheet is properly drawn up so as to exhibit a true and correct view of the state of the Railway's affairs at the 31st October, 1936, according to the best of our information and the explanations given to us and as shown by the books of the Railway. We have obtained all the information and explanations we have required.

OSCAR HUDSON AND CO.,

Dated at Toronto, Ontario,
28th April, 1937.

Chartered Accountants,
Auditors.

GUELPH RADIAL RAILWAY

(Operated by The Hydro-Electric Power Commission of Ontario)

Operating and Income Accounts for the Year Ended October 31, 1936

Operating Account

| | Tramways | | Buses | | Total | |
|---|----------|----|---------|----|---------|----|
| | \$ | c. | \$ | c. | \$ | c. |
| OPERATING REVENUES: | | | | | | |
| Revenue from transportation..... | 43,440. | 74 | 15,640. | 48 | 59,081. | 22 |
| Revenue from other operations..... | 490. | 55 | 40. | 45 | 531. | 00 |
| Operating revenues..... | 43,931. | 29 | 15,680. | 93 | 59,612. | 22 |
| OPERATING EXPENSES: | | | | | | |
| Maintenance of way and structures..... | 5,002. | 61 | | | 5,002. | 61 |
| Maintenance of equipment..... | 9,839. | 61 | 2,417. | 08 | 12,256. | 69 |
| Power purchased..... | 11,422. | 70 | | | 11,422. | 70 |
| Transportation expenses..... | 16,158. | 35 | 10,749. | 21 | 26,907. | 56 |
| Traffic expenses..... | 31. | 00 | | | 31. | 00 |
| General and miscellaneous expenses..... | 8,810. | 89 | 2,439. | 37 | 11,250. | 26 |
| Depreciation provision..... | 1,153. | 73 | 6,052. | 56 | 7,206. | 29 |
| Operating expenses..... | 52,418. | 89 | 21,658. | 22 | 74,077. | 11 |
| NET OPERATING DEFICIT..... | 8,487. | 60 | 5,977. | 29 | 14,464. | 89 |
| Taxes..... | 246. | 47 | | | 246. | 47 |
| NET OPERATING LOSS..... | 8,734. | 07 | 5,977. | 29 | 14,711. | 36 |

Income Account

| | | |
|---|-------------|-------------|
| NET OPERATING LOSS (as above)..... | | \$14,711.36 |
| NET INTEREST CHARGES: | | |
| Interest on long-term debt..... | \$15,000.00 | |
| Amortization of premium on debt..... | 246.97 | |
| | \$14,753.03 | |
| Income from special funds..... | \$2,379.12 | |
| Miscellaneous interest income..... | 287.31 | |
| | 2,666.43 | |
| | | 12,086.60 |
| NET LOSS..... | | \$26,797.96 |
| SINKING FUND APPROPRIATION FOR THE YEAR: | | |
| Principal..... | \$3,159.00 | |
| Interest..... | 610.49 | |
| | | 3,769.49 |
| DEFICIENCY AFTER SINKING FUND APPROPRIATION..... | | \$30,567.45 |
| MISCELLANEOUS DEBITS: | | |
| Reserve appropriation—instalment on purchase agreement..... | | 11,700.00 |
| TOTAL DEFICIT CHARGED TO THE CITY OF GUELPH..... | | \$42,267.45 |

SECTION X

MUNICIPAL ACCOUNTS

and

Statistical Data Relating to Hydro-Electric Distribution Systems Operated by Individual Municipalities Served by The Hydro-Electric Power Commission of Ontario

The Municipal Accounts section of this report presents in summary, and individually, the results of the operation of the local electrical utilities in municipalities owning their own distributing systems and operating with energy supplied by or through The Hydro-Electric Power Commission.

Financial statements prepared from the books of these "Hydro" utilities are submitted herein to show how each has operated during the past year, and its financial status at the present time. Other tables give useful statistical information respecting average costs for the various classes of service and the rates in force.

The books of account of the electrical utilities in all municipalities which have contracted with The Hydro-Electric Power Commission of Ontario for a supply of power are kept in accordance with an accounting system designed by the Commission.

Periodical inspections are made of the books of all "Hydro" electrical utilities and local officials are assisted in the improvement of their office routine with a view to standardizing, as far as possible, the methods employed. In the majority of the smaller municipalities much of the book-keeping for the electrical utilities is performed by representatives of the municipal accounting department of the Commission as a measure of economy. This arrangement insures the correct application of the standard accounting system, with resultant uniformity in classification of revenues and expenditures; secures true reflections of the actual operating results for the year, and greatly enhances the comparative values of the reports.

The first financial statement in this section presents consolidated balance sheets for each year since 1913, and thus shows the march of progress. It combines the balance sheets of the local municipal utilities of all the systems. It is worth noting that the total plant value has increased from \$10,081,469.16 in 1913 to \$93,438,204.30 in 1936, and the total assets from \$11,907,826.86

to \$152,039,550.63. The liabilities have not increased in the same proportion as the assets, rising from \$10,468,351.79 to a maximum of \$52,685,316.86 in 1932 and receding to \$40,657,706.42 in 1936. The reasons for this are the regular fulfilment of debt retirement schedules under serial debenture provisions or by maturity of sinking funds, and also the fact that much of the cost of the increasing plant value has been financed out of reserves and surplus without increasing the capital liabilities of the respective utilities. By this procedure the funds of the systems are used to best advantage. Examination of the results will also show that there is a steady decline in the percentage of net liabilities to total assets; being from 88.0 per cent in 1913 to 28.3 per cent in 1936. The equities in The Hydro-Electric Power Commission's systems automatically acquired through the inclusion of sinking funds as part of the cost of power are not taken into account in arriving at these percentages.

The second financial statement presents consolidated operating reports for each year since "Hydro" service was inaugurated and combines the results from the local municipal utilities of all the systems. After providing for every cost of operation and fixed charges, including the standard provision for depreciation, the combined operating reports show a net surplus of \$1,929,364.17 for 1936.

The five statements, "A" to "E," following the two consolidated reports show the financial status of each municipal utility and the results of operations, giving classified information respecting revenue, operating costs, number of consumers and consumption, cost of power to municipalities, power and lighting rates charged to consumers, etc. In statements "A" and "B", the municipalities are arranged alphabetically under each system; in statement "D" the municipalities are arranged in three groups—cities, towns and small municipalities; in statements "C" and "E" all municipalities are arranged alphabetically.

Statement "A" presents the balance sheet of each electrical utility. The plant values are shown under the general subdivisions specified in the standard accounting system and the other items on the positive side of the ledger which are included in total assets are self-explanatory with the exception, perhaps, of the item entitled "equity in H-E.P.C. systems." The sinking fund portion of the cost paid year by year to the Commission for power is for the purpose of ultimately retiring the capital liabilities incurred by the Commission on behalf of the municipalities. A municipality's aggregate equity in the Commission's systems at any time is the total of the sinking fund payments that have been credited to it, together with interest. The total sinking fund equity acquired by these municipalities to the end of 1936 is shown in the consolidated balance sheet to be \$36,193,874.21.

In conformity with a policy of service at cost to the customer, refunds by cash or credit were made during the year in many municipalities from surplus funds accrued to the credit of municipal services, such as street lighting, water works, sewage disposal, etc., and to individual customers. The amounts of the accumulated surpluses rebated equalled, in different municipalities, from five per cent to twenty-five per cent of the previous year's revenue. The total thus returned to customers during the year 1936 amounted in round figures to \$275,000.00.

In each case the balance sheet includes the credit or charge representing the difference between the monthly payments for power at interim rates and the cost of power as ascertained by the Commission upon annual adjustment.

The reserves for depreciation, and the acquired equity in The Hydro-Electric Power Commission's systems, are listed individually and totalled; and under the heading "surplus" are included not only the free operating surplus but the accumulation of sinking fund applicable to debenture debt and also the amount of debentures already retired out of revenue.

The depreciation reserve now amounts to 23.7 per cent of the total depreciable plant, while the depreciation reserve and surplus combined have already reached the sum of \$72,451,735.54, approximately 77.5 per cent of the total plant cost.

Statement "B" shows detailed operating reports for each municipal electrical utility. It gives annual revenues from the various classes of consumers; the items of expenditure which make up the total annual expenditure and the sums set aside for depreciation. The population served by each local utility, and the number of consumers of each class are also shown.

The item "power purchased" in this statement includes the debit or credit balances ascertained by the annual adjustment of the cost of power supplied to the municipalities by the Commission.

Of the 283 municipal electric utilities included in this statement, 266 received from consumers revenue sufficient to meet in full all operating expenses, interest, debt retirement instalments, and standard depreciation reserve allocation and to yield an aggregate net surplus of \$1,933,752.60 for the year; 16 were able to defray out of revenue all such charges except a portion of the standard depreciation allocation aggregating \$3,875.60, in the case of one utility the revenue was less than the total of operating expenses, interest and debt retirement instalments by \$113.83.

Statement "C" shows the installation of street lights in each municipality together with the rates approved by this Commission, the revenue for 1936 and the cost per capita in each municipality.

Statement "D" presents statistics relating to the supply of electrical energy to consumers in Ontario municipalities served by the Commission. It shows the revenue, kilowatt-hour consumption, number of consumers, average monthly consumption, average monthly bill and the net average cost per kilowatt-hour both for domestic and for commercial light service in each municipality. For power service this statement shows the revenue, the number of consumers and the average horsepower supplied by the municipal utility.* For further reference to this informative statement, consult the special introduction to it on page 420.

Statement "E" presents the cost per horsepower of the power provided for and delivered to the municipalities by the Commission, and the local rates to consumers in force in the respective municipalities, during the year 1936, for domestic service, for commercial light service and for power service.

*The statistics include retail power only. Wholesale industrial power as supplied by the Commission direct, is reported in Section IX.

CONSOLIDATED

| YEAR..... | 1913 | 1914 | 1915 |
|--|---------------|---------------|---------------|
| Number of municipalities included..... | 45 | 69 | 99 |
| ASSETS | | | |
| | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 626,707.34 | 791,732.20 | 873,838.18 |
| Substation equipment..... | 1,090,875.69 | 1,476,087.84 | 1,582,062.56 |
| Distribution system—overhead..... | 2,690,834.74 | 3,422,763.93 | 4,234,626.05 |
| Distribution system—underground..... | 644,514.24 | 807,153.53 | 928,420.77 |
| Line transformers..... | 615,546.20 | 787,613.52 | 981,754.70 |
| Meters..... | 840,606.64 | 1,172,475.11 | 1,418,165.08 |
| Street lighting equipment—regular..... | 900,614.80 | 1,071,255.37 | 1,309,628.49 |
| Street lighting equipment—ornamental..... | 62,765.34 | 270,386.55 | 197,644.82 |
| Miscellaneous construction expenses..... | 866,551.89 | 2,062,035.90 | 1,701,182.66 |
| Steam or hydraulic plant..... | 1,401,175.28 | 420,108.33 | 461,651.60 |
| Old plant..... | 341,277.00 | 619,513.12 | 1,184,372.86 |
| Total plant..... | 10,081,469.16 | 12,901,125.40 | 14,873,347.77 |
| Bank and cash balance..... | 450,887.97 | 422,350.12 | 284,653.96 |
| Securities and investments..... | | | |
| Accounts receivable..... | 344,487.95 | 561,873.08 | 602,920.69 |
| Inventories..... | 540,274.58 | 615,226.76 | 726,556.76 |
| Sinking fund on local debentures..... | 431,747.27 | 625,217.03 | 868,983.78 |
| Equity in H-E.P.C. systems..... | | | |
| Other assets..... | 58,959.93 | 123,410.97 | 326,801.11 |
| Total assets..... | 11,907,826.86 | 15,249,203.36 | 17,683,264.07 |
| LIABILITIES | | | |
| Debenture balance..... | 8,711,308.37 | 10,678,078.36 | 11,831,811.03 |
| Accounts payable..... | 1,553,711.45 | 1,682,150.29 | 2,040,038.01 |
| Bank overdraft..... | 160,919.16 | 228,622.50 | 292,106.44 |
| Other liabilities..... | 42,412.81 | 113,838.66 | 37,388.31 |
| Total liabilities..... | 10,468,351.79 | 12,702,689.81 | 14,201,343.79 |
| RESERVES | | | |
| For equity in H-E.P.C. systems..... | | | |
| For depreciation..... | 478,145.88 | 850,618.07 | 1,337,739.73 |
| Other reserves..... | | | |
| Total reserves..... | 478,145.88 | 850,618.07 | 1,337,739.73 |
| SURPLUS | | | |
| Debentures paid..... | 202,751.26 | 320,129.10 | 394,466.22 |
| Local sinking fund..... | 431,747.27 | 625,217.03 | 868,983.78 |
| Operating surplus..... | 326,830.66 | 750,549.35 | 880,730.55 |
| Total surplus..... | 961,329.19 | 1,695,895.48 | 2,144,180.55 |
| Total liabilities, reserves and surplus..... | 11,907,826.86 | 15,249,203.36 | 17,683,264.07 |
| Percentage of net debt to total assets..... | 88.0 | 88.3 | 80.3 |

NOTE.—In computing the “percentage of net debt to total assets” the ornamental street lighting capital, sinking fund on local debentures, and equity in H-E.P.C. systems, are excluded from assets; and the total liabilities are reduced by the amount of the local sinking fund reserve,

BALANCE SHEET

| 1916 | 1917 | 1918 | 1919 | 1920 |
|---------------|---------------|---------------|---------------|---------------|
| 128 | 143 | 166 | 191 | 195 |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 1,335,936.33 | 1,546,241.41 | 1,859,888.69 | 1,995,545.83 | 2,175,568.24 |
| 1,934,626.12 | 2,471,293.82 | 2,820,488.70 | 2,915,125.56 | 3,231,050.80 |
| 4,832,353.27 | 6,090,073.42 | 6,627,237.39 | 7,445,820.31 | 8,579,881.49 |
| 1,095,709.62 | 1,157,059.90 | 1,216,288.59 | 1,206,296.88 | 1,313,369.29 |
| 1,179,132.07 | 1,483,839.44 | 1,772,691.35 | 2,073,113.45 | 2,560,581.59 |
| 1,711,299.49 | 1,999,095.48 | 2,238,143.70 | 2,587,566.32 | 3,053,135.20 |
| 1,251,057.13 | 1,237,734.69 | 1,200,625.65 | 1,206,638.71 | 1,269,006.98 |
| 306,388.95 | 361,975.74 | 531,502.61 | 546,497.68 | 557,678.13 |
| 2,059,263.42 | 2,184,015.84 | 2,395,096.50 | 2,530,101.08 | 2,697,636.12 |
| 864,500.01 | 896,753.20 | 214,575.75 | 986,200.57 | 757,194.47 |
| 759,748.66 | 649,852.51 | 1,476,413.00 | 805,959.89 | 864,298.39 |
| 17,330,015.07 | 20,077,935.45 | 22,352,951.93 | 24,298,866.28 | 27,059,400.70 |
| 1,061,029.90 | 340,026.50 | 391,194.91 | 462,437.23 | 943,858.12 |
| 695,152.23 | 1,285,097.33 | 1,124,018.44 | 627,076.53 | 341,855.88 |
| 764,504.59 | 1,261,398.36 | 972,996.96 | 1,921,166.69 | 2,022,538.88 |
| 1,166,017.73 | 1,337,578.96 | 1,663,298.05 | 1,032,569.75 | 1,400,671.89 |
| 342,215.87 | 125,240.05 | 444,787.63 | 1,925,455.77 | 2,244,004.34 |
| 21,358,935.39 | 24,427,276.65 | 26,949,247.92 | 369,071.89 | 577,584.06 |
| 15,058,641.57 | 15,593,773.61 | 17,209,217.70 | 86,216.05 | 25,447.07 |
| 969,187.75 | 1,537,669.11 | 1,007,727.79 | | |
| 178,413.26 | 886,177.94 | 576,816.49 | | |
| 491,874.90 | 429,104.20 | 350,013.21 | | |
| 16,698,117.48 | 18,446,724.86 | 19,143,775.19 | | |
| | | | | |
| 1,843,804.68 | 2,463,723.83 | 3,133,550.17 | 373,871.89 | 577,584.06 |
| | | | 3,750,162.28 | 4,788,645.03 |
| 1,843,804.68 | 2,463,723.83 | 3,133,550.17 | | |
| | | | 4,124,034.17 | 5,366,229.09 |
| 549,778.59 | 694,797.90 | 920,076.56 | | |
| 1,165,785.94 | 1,340,615.38 | 1,662,602.69 | 1,328,657.68 | 1,440,156.52 |
| 1,101,448.70 | 1,481,414.68 | 2,089,243.31 | 1,754,020.37 | 2,246,474.47 |
| 2,817,013.23 | 3,516,827.96 | 4,671,922.56 | 2,888,251.40 | 3,297,325.64 |
| 21,358,935.39 | 24,427,276.65 | 26,949,247.92 | | |
| 78.4 | 75.5 | 71.0 | | |
| | | | 67.9 | 65.4 |

and the liability in respect to the ornamental street lighting capital, which amount is included in other liabilities.

CONSOLIDATED

| YEAR..... | 1921 | 1922 | 1923 |
|--|----------------|----------------|----------------|
| Number of municipalities included..... | 215 | 226 | 235 |
| ASSETS | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 3,230,985. 63 | 3,334,522. 68 | 4,488,054. 93 |
| Substation equipment..... | 5,403,689. 90 | 5,046,857. 98 | 6,015,919. 75 |
| Distribution system—overhead..... | 8,397,361. 48 | 11,165,330. 24 | 13,135,581. 76 |
| Distribution system—underground..... | 1,401,135. 97 | 1,598,053. 02 | 1,959,120. 41 |
| Line transformers..... | 3,077,649. 83 | 3,618,684. 73 | 4,211,655. 89 |
| Meters..... | 3,552,076. 79 | 4,033,689. 52 | 4,548,933. 73 |
| Street lighting equipment—regular..... | 1,335,997. 13 | 1,419,016. 05 | 1,061,473. 85 |
| Street lighting equipment—ornamental..... | 610,586. 70 | 666,084. 50 | 708,431. 22 |
| Miscellaneous construction expenses..... | 3,030,134. 16 | 3,261,495. 74 | 3,681,274. 88 |
| Steam or hydraulic plant..... | 704,848. 46 | 565,158. 54 | 566,619. 86 |
| Old plant..... | 912,388. 55 | 7,997,947. 87 | 8,051,496. 28 |
| Total plant..... | 31,656,854. 60 | 42,706,840. 87 | 48,428,562. 56 |
| Bank and cash balance..... | 900,842. 34 | 1,164,336. 24 | 1,276,140. 06 |
| Securities and investments..... | 477,678. 69 | 443,938. 18 | 1,153,424. 47 |
| Accounts receivable..... | 2,155,788. 62 | 3,874,317. 14 | 3,198,769. 34 |
| Inventories..... | 1,504,596. 28 | 1,738,795. 96 | 1,819,711. 62 |
| Sinking fund on local debentures..... | 2,541,718. 35 | 3,416,231. 45 | 3,896,261. 28 |
| Equity in H-E.P.C. systems..... | 795,570. 51 | 1,543,434. 12 | 2,929,603. 94 |
| Other assets..... | 78,929. 84 | 238,940. 13 | 190,071. 63 |
| Total assets..... | 40,111,979. 23 | 55,126,834. 09 | 62,892,544. 90 |
| LIABILITIES | | | |
| Debenture balance..... | 21,619,220. 99 | 30,454,186. 12 | 33,056,501. 29 |
| Accounts payable..... | 1,887,567. 93 | 3,699,292. 52 | 3,708,781. 76 |
| Bank overdraft..... | 989,099. 98 | 456,706. 69 | 680,714. 59 |
| Other liabilities..... | 938,368. 84 | 586,203. 02 | 1,517,828. 47 |
| Total liabilities..... | 25,434,257. 74 | 35,196,388. 35 | 38,963,826. 11 |
| RESERVES | | | |
| For equity in H-E.P.C. systems..... | 800,249. 05 | 1,543,434. 12 | 2,929,603. 94 |
| For depreciation..... | 5,491,858. 93 | 6,512,813. 92 | 7,328,858. 69 |
| Other reserves..... | | | |
| Total reserves..... | 6,292,107. 98 | 8,056,248. 04 | 10,258,462. 63 |
| SURPLUS | | | |
| Debentures paid..... | 1,860,079. 53 | 3,104,591. 15 | 2,852,038. 38 |
| Local sinking fund..... | 2,541,718. 35 | 3,416,231. 45 | 3,896,261. 28 |
| Operating surplus..... | 3,983,815. 63 | 5,353,375. 10 | 6,921,956. 50 |
| Total surplus..... | 8,385,613. 51 | 11,874,197. 70 | 13,670,256. 16 |
| Total liabilities, reserves and surplus..... | 40,111,979. 23 | 55,126,834. 09 | 62,892,544. 90 |
| Percentage of net debt to total assets..... | 64.7 | 63.3 | 62.6 |

BALANCE SHEET—Continued

| 1924 | 1925 | 1926 | 1927 | 1928 |
|--|--|--|---|---|
| 248 | 247 | 251 | 252 | 256 |
| <div>\$c.</div> <div>4,561,648.92</div> <div>6,800,238.00</div> <div>14,182,190.33</div> <div>2,873,446.13</div> <div>4,456,669.02</div> <div>5,149,629.71</div> <div>1,134,491.77</div> <div>728,298.08</div> <div>4,168,262.21</div> <div>4,196,803.45</div> <div>5,587,420.31</div> | <div>\$c.</div> <div>5,768,855.99</div> <div>8,543,166.55</div> <div>16,837,535.57</div> <div>3,388,837.09</div> <div>5,079,754.23</div> <div>5,533,483.92</div> <div>1,256,916.53</div> <div>893,186.48</div> <div>4,485,110.96</div> <div>568,912.49</div> <div>4,549,142.46</div> | <div>\$c.</div> <div>6,111,162.54</div> <div>9,505,501.77</div> <div>18,654,240.54</div> <div>3,689,569.95</div> <div>5,538,605.24</div> <div>5,963,162.51</div> <div>1,309,608.30</div> <div>1,103,660.23</div> <div>3,456,777.71</div> <div>628,909.57</div> <div>4,655,422.59</div> | <div>\$c.</div> <div>6,486,426.89</div> <div>15,088,905.14</div> <div>16,689,462.41</div> <div>3,278,382.58</div> <div>5,985,521.37</div> <div>6,346,660.59</div> <div>1,399,314.06</div> <div>1,184,035.82</div> <div>3,360,671.09</div> <div>607,320.00</div> <div>5,095,555.90</div> | <div>\$c.</div> <div>7,024,646.76</div> <div>16,866,186.21</div> <div>17,688,050.68</div> <div>3,559,288.16</div> <div>6,549,674.64</div> <div>6,839,802.90</div> <div>1,486,646.24</div> <div>1,203,706.65</div> <div>3,394,626.92</div> <div>619,880.93</div> <div>5,032,089.26</div> |
| 53,839,097.93 | 56,904,902.27 | 60,616,620.95 | 65,522,255.85 | 70,264,599.35 |
| <div>1,748,912.34</div> <div>1,329,622.58</div> <div>3,898,751.89</div> <div>1,745,628.16</div> <div>4,520,723.06</div> <div>5,420,567.58</div> <div>250,292.77</div> | <div>1,700,145.30</div> <div>1,095,662.92</div> <div>3,417,558.86</div> <div>1,711,504.13</div> <div>5,202,451.70</div> <div>7,551,588.70</div> <div>137,280.05</div> | <div>2,136,290.79</div> <div>1,400,316.43</div> <div>3,508,817.87</div> <div>1,397,667.83</div> <div>5,599,675.01</div> <div>8,046,868.53</div> <div>33,151.81</div> | <div>3,014,832.48</div> <div>1,696,237.66</div> <div>3,715,770.72</div> <div>1,412,729.41</div> <div>6,398,909.77</div> <div>10,143,205.66</div> <div>31,942.45</div> | <div>1,342,367.07</div> <div>1,837,140.51</div> <div>4,097,446.13</div> <div>1,220,186.10</div> <div>7,071,273.69</div> <div>12,326,097.56</div> <div>153,275.04</div> |
| 72,753,596.31 | 77,721,093.93 | 82,739,409.22 | 91,935,884.00 | 98,312,385.45 |
| <div>38,005,162.50</div> <div>3,117,224.08</div> <div>162,100.71</div> <div>1,780,564.27</div> | <div>37,919,225.01</div> <div>3,139,067.92</div> <div>226,147.82</div> <div>1,075,914.83</div> | <div>39,602,533.48</div> <div>3,118,684.78</div> <div>163,725.53</div> <div>1,087,795.08</div> | <div>42,891,361.57</div> <div>2,988,621.90</div> <div>252,362.52</div> <div>1,154,810.24</div> | <div>42,597,175.78</div> <div>3,074,634.25</div> <div>253,143.81</div> <div>1,258,610.23</div> |
| 43,065,051.56 | 42,360,355.58 | 43,972,738.87 | 47,287,156.23 | 47,183,564.07 |
| <div>5,420,567.58</div> <div>8,097,834.68</div> <div>.....</div> | <div>7,551,588.70</div> <div>8,699,437.68</div> <div>1,157,147.20</div> | <div>8,046,868.53</div> <div>9,360,322.27</div> <div>947,970.23</div> | <div>10,143,205.66</div> <div>10,319,889.05</div> <div>1,002,916.69</div> | <div>12,326,097.56</div> <div>11,140,795.68</div> <div>1,117,257.63</div> |
| 13,518,402.26 | 17,408,173.58 | 18,355,161.03 | 21,466,011.40 | 24,584,150.87 |
| <div>3,530,610.35</div> <div>4,520,723.06</div> <div>8,118,809.08</div> | <div>4,440,138.34</div> <div>5,202,451.70</div> <div>8,309,974.73</div> | <div>5,493,879.83</div> <div>5,599,675.01</div> <div>9,317,954.48</div> | <div>6,648,767.38</div> <div>6,398,909.77</div> <div>10,135,039.22</div> | <div>7,928,907.61</div> <div>7,071,273.69</div> <div>11,544,489.21</div> |
| 16,170,142.49 | 17,952,564.77 | 20,411,509.32 | 23,182,716.37 | 26,544,670.51 |
| 72,753,596.31 | 77,721,093.93 | 82,739,409.22 | 91,935,884.00 | 98,312,385.45 |
| 61.4 | 57.2 | 55.5 | 54.2 | 50.8 |

CONSOLIDATED

| YEAR..... | 1929 | 1930 | 1931 |
|--|----------------|----------------|----------------|
| Number of municipalities included..... | 260 | 267 | 275 |
| ASSETS | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 7,469,451.46 | 7,936,974.31 | 8,407,664.48 |
| Substation equipment..... | 18,102,792.13 | 19,485,056.28 | 21,013,956.74 |
| Distribution system—overhead..... | 18,108,016.82 | 19,220,326.48 | 19,918,355.76 |
| Distribution system—underground..... | 4,823,369.60 | 4,932,189.05 | 5,361,627.24 |
| Line transformers..... | 7,312,742.17 | 7,953,090.23 | 8,649,875.07 |
| Meters..... | 7,405,478.91 | 7,840,948.07 | 8,106,202.88 |
| Street lighting equipment—regular..... | 1,594,183.25 | 1,780,785.67 | 2,205,613.18 |
| Street lighting equipment—ornamental..... | 1,458,349.64 | 1,520,891.01 | 1,456,742.91 |
| Miscellaneous construction expenses..... | 3,483,487.78 | 3,996,747.77 | 3,827,132.05 |
| Steam or hydraulic plant..... | 489,097.57 | 139,587.28 | 458,374.05 |
| Old plant..... | 5,093,378.75 | 5,322,690.14 | 7,146,437.96 |
| Other plants not distributed..... | | | |
| Total plant..... | 75,340,348.08 | 80,129,286.29 | 86,551,982.32 |
| Bank and cash balance..... | 858,733.68 | 2,722,250.12 | 2,738,319.67 |
| Securities and investments..... | 2,001,088.81 | 1,909,439.11 | 1,999,846.42 |
| Accounts receivable..... | 4,683,201.97 | 4,481,006.92 | 3,957,972.78 |
| Inventories..... | 1,365,033.58 | 1,242,994.51 | 1,276,531.01 |
| Sinking fund on local debentures..... | 7,753,613.88 | 8,396,255.47 | 8,735,050.84 |
| Equity in H-E.P.C. systems..... | 14,754,865.40 | 17,346,372.44 | 20,103,275.76 |
| Other assets..... | 152,260.86 | 173,030.05 | 174,879.28 |
| Total assets..... | 106,909,146.26 | 116,400,634.91 | 125,537,858.08 |
| LIABILITIES | | | |
| Debenture balance..... | 42,930,127.74 | 45,091,808.06 | 44,594,400.03 |
| Accounts payable..... | 3,132,145.03 | 3,001,186.21 | 5,382,306.13 |
| Bank overdraft..... | 412,056.69 | 405,663.14 | 312,575.54 |
| Other liabilities..... | 1,621,378.17 | 1,642,771.59 | 1,909,986.13 |
| Total liabilities..... | 48,095,707.63 | 50,141,429.00 | 52,199,267.83 |
| RESERVES | | | |
| For equity in H-E.P.C. systems..... | 14,754,865.40 | 17,346,372.44 | 20,103,275.76 |
| For depreciation..... | 11,911,154.49 | 12,885,387.51 | 13,748,049.68 |
| Other reserves..... | 1,437,371.26 | 1,574,655.74 | 1,693,129.83 |
| Total reserves..... | 28,103,391.15 | 31,806,415.69 | 35,544,455.27 |
| SURPLUS | | | |
| Debentures paid..... | 9,194,253.59 | 10,728,279.15 | 13,150,040.37 |
| Local sinking fund..... | 7,962,121.20 | 8,396,255.47 | 8,735,050.84 |
| Operating surplus..... | 13,553,672.69 | 15,328,255.60 | 15,909,043.77 |
| Total surplus..... | 30,710,047.48 | 34,452,790.22 | 37,794,134.98 |
| Total liabilities, reserves and surplus..... | 106,909,146.26 | 116,400,634.91 | 125,537,858.08 |
| Percentage of net debt to total assets..... | 47.8 | 46.0 | 44.1 |

BALANCE SHEET—Concluded

| 1932 | 1933 | 1934 | 1935 | 1936 |
|--|---|---|---|---|
| 280 | 282 | 282 | 284 | 283 |
| <div>\$ c.</div> <div>9,503,743.78</div> <div>22,288,781.68</div> <div>20,866,767.32</div> <div>5,820,056.75</div> <div>9,392,662.62</div> <div>8,403,251.67</div> <div>2,257,618.20</div> <div>1,545,354.93</div> <div>4,120,926.11</div> <div>498,231.69</div> <div>4,989,654.97</div> <div>200,000.00</div> | <div>\$ c.</div> <div>10,186,471.28</div> <div>22,306,800.94</div> <div>21,152,681.20</div> <div>5,945,225.61</div> <div>9,478,605.14</div> <div>8,514,165.03</div> <div>2,381,599.40</div> <div>1,458,443.68</div> <div>4,040,859.74</div> <div>502,978.62</div> <div>5,016,755.92</div> <div>200,000.00</div> | <div>\$ c.</div> <div>10,262,692.98</div> <div>22,327,618.75</div> <div>21,353,725.80</div> <div>6,031,767.74</div> <div>9,635,279.35</div> <div>8,624,504.78</div> <div>2,395,296.48</div> <div>1,464,306.73</div> <div>3,907,359.92</div> <div>494,932.96</div> <div>4,978,079.44</div> <div>200,000.00</div> | <div>\$ c.</div> <div>10,381,191.41</div> <div>22,072,115.14</div> <div>21,650,567.75</div> <div>6,068,724.47</div> <div>9,678,578.13</div> <div>8,767,892.27</div> <div>2,420,238.81</div> <div>1,486,302.46</div> <div>3,616,986.74</div> <div>496,050.14</div> <div>4,917,917.43</div> <div>200,000.00</div> | <div>\$ c.</div> <div>10,528,595.34</div> <div>22,162,208.03</div> <div>22,163,701.17</div> <div>6,070,337.02</div> <div>9,845,939.94</div> <div>9,043,615.65</div> <div>2,527,188.03</div> <div>1,504,596.77</div> <div>4,019,430.59</div> <div>496,186.33</div> <div>4,876,405.43</div> <div>200,000.00</div> |
| 89,887,049.72 | 91,184,586.56 | 91,675,564.93 | 91,756,564.75 | 93,438,204.30 |
| 3,185,442.00 | 1,696,489.24 | 2,215,914.31 | 2,927,485.90 | 3,921,121.28 |
| 2,059,325.10 | 2,163,785.20 | 2,382,446.41 | 2,593,633.59 | 2,924,913.30 |
| 3,683,059.42 | 3,746,910.92 | 4,001,596.09 | 4,363,297.95 | 4,560,713.55 |
| 1,232,209.52 | 1,226,043.30 | 1,110,705.38 | 1,212,063.37 | 1,261,843.81 |
| 9,099,210.61 | 9,386,176.58 | 9,161,419.77 | 9,086,152.46 | 9,535,712.83 |
| 23,066,129.81 | 26,045,679.00 | 29,274,340.46 | 32,609,979.83 | 36,193,874.21 |
| 163,637.79 | 253,581.84 | 289,158.19 | 301,317.86 | 203,167.35 |
| 132,376,063.97 | 135,703,252.64 | 140,111,145.54 | 144,850,495.71 | 152,039,550.63 |
| 45,133,305.97 | 42,606,145.29 | 39,646,989.68 | 36,667,080.62 | 34,485,507.43 |
| 3,512,724.58 | 3,320,485.45 | 3,149,035.07 | 2,931,934.14 | 2,879,497.45 |
| 298,910.20 | 206,398.00 | 143,556.95 | 72,084.93 | 25,559.95 |
| 3,740,376.11 | 3,787,725.14 | 3,669,008.56 | 3,462,906.61 | 3,267,141.59 |
| 52,685,316.86 | 49,920,753.88 | 46,608,590.26 | 43,134,006.30 | 40,657,706.42 |
| 23,066,129.81 | 26,045,679.00 | 29,274,340.46 | 32,609,979.83 | 36,193,874.21 |
| 14,902,177.02 | 16,075,959.28 | 17,426,809.32 | 18,410,891.84 | 19,666,170.18 |
| 1,902,308.64 | 2,048,081.84 | 2,056,820.81 | 2,459,074.98 | 2,763,100.40 |
| 39,870,615.47 | 44,169,720.12 | 48,757,970.59 | 53,479,946.65 | 58,623,144.79 |
| 15,244,778.28 | 17,651,367.71 | 20,608,129.73 | 23,481,974.13 | 26,084,294.84 |
| 9,099,210.61 | 9,386,176.58 | 9,161,419.77 | 9,086,152.46 | 9,535,712.83 |
| 15,476,142.75 | 14,575,234.35 | 14,975,035.19 | 15,668,416.17 | 17,138,691.75 |
| 39,820,131.64 | 41,612,778.64 | 44,744,584.69 | 48,236,542.76 | 52,758,699.42 |
| 132,376,063.97 | 135,703,252.64 | 140,111,145.54 | 144,850,495.71 | 152,039,550.63 |
| 43.4 | 40.4 | 35.9 | 32.0 | 28.3 |

CONSOLIDATED

| YEAR..... | 1912 | 1913 | 1914 | 1915 |
|--|--------------|--------------|--------------|--------------|
| Number of municipalities included.. | 28 | 45 | 69 | 99 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | | 572,154.38 | 789,130.81 | 944,271.08 |
| Commercial light service..... | | 525,438.16 | 673,803.92 | 720,209.26 |
| Commercial power service..... | | 905,378.17 | 1,214,829.31 | 1,501,797.78 |
| Municipal power..... | | | | |
| Street lighting..... | | 560,925.56 | 698,409.71 | 835,970.87 |
| Rural service..... | | | | |
| Miscellaneous..... | | 53,543.24 | 57,482.41 | 68,046.29 |
| Total earnings..... | 1,617,674.00 | 2,617,439.51 | 3,433,656.16 | 4,070,295.28 |
| EXPENSES | | | | |
| Power purchased..... | | 789,632.87 | 1,045,752.65 | 1,484,666.00 |
| Substation operation..... | | 78,394.81 | 97,658.90 | 107,607.31 |
| Substation maintenance..... | | 18,698.46 | 31,790.99 | 25,935.56 |
| Distribution system, operation and maintenance..... | | 104,114.51 | 130,998.65 | 154,409.71 |
| Line transformer maintenance..... | | 8,547.61 | 11,764.32 | 11,508.92 |
| Meter maintenance..... | | 5,222.19 | 9,536.07 | 12,899.14 |
| Consumers' premises expenses..... | | 53,108.38 | 65,192.23 | 47,494.26 |
| Street lighting, operation and maintenance..... | | 84,903.76 | 113,047.80 | 136,983.38 |
| Promotion of business..... | | 72,303.51 | 86,683.02 | 74,402.55 |
| Billing and collecting..... | | 77,351.76 | 103,560.71 | 131,541.27 |
| General office, salaries and expenses..... | | 154,932.69 | 230,899.75 | 236,777.86 |
| Undistributed expense..... | | 65,423.64 | 89,350.91 | 129,209.15 |
| Interest..... | | 528,549.21 | 662,092.34 | 817,978.89 |
| Sinking fund and principal payments on debentures..... | | * | * | * |
| Total expenses..... | 1,377,168.00 | 2,041,183.40 | 2,678,328.34 | 3,371,414.00 |
| Surplus..... | 240,506.00 | 576,256.11 | 755,327.82 | 698,881.28 |
| Depreciation and other reserves..... | 124,992.47 | 262,675.24 | 357,883.31 | 414,506.99 |
| Surplus less depreciation..... | 115,513.53 | 313,580.87 | 397,444.51 | 284,374.29 |

*Debenture payments included in "Interest."

OPERATING REPORT

| 1916 | 1917 | 1918 | 1919 | 1920 |
|---|--|--|--|---|
| 128 | 143 | 166 | 181 | 186 |
| \$ c. 1,172,878.96 812,130.78 1,921,152.31 950,057.48 147,381.50 4,983,601.03 | \$ c. 1,417,460.31 899,023.72 2,665,280.65 967,495.10 120,805.39 6,070,065.17 | \$ c. 1,632,272.12 968,399.42 3,417,248.37 902,875.55 161,243.70 7,082,039.16 | \$ c. 1,991,632.31 1,175,143.56 3,443,107.13 988,900.95 228,270.65 7,827,054.60 | \$ c. 2,546,345.30 1,512,854.63 3,752,188.22 532,279.09 1,005,535.11 168,919.95 189,778.63 9,707,900.93 |
| 1,959,446.83 153,761.08 46,131.53 154,247.17 14,528.17 24,218.48 52,602.01 145,471.50 79,324.85 154,508.58 306,709.35 97,333.97 951,781.99 * 4,140,065.51 | 2,573,879.37 203,091.20 42,129.04 169,326.24 25,328.95 44,461.55 61,765.14 157,857.73 73,516.37 188,083.84 349,932.05 102,938.80 1,085,180.80 * 5,077,491.08 | 2,807,769.33 238,257.34 60,805.92 223,347.81 30,488.83 63,155.56 65,149.59 196,157.18 64,962.78 208,660.76 421,680.15 117,474.07 1,238,425.53 * 5,736,334.85 | 3,284,490.68 217,638.89 81,853.63 286,310.76 42,509.12 78,726.64 84,301.24 215,963.86 74,789.22 236,504.75 452,131.22 190,690.09 1,285,571.51 * 6,531,481.61 | 4,216,667.87 285,407.35 102,050.81 344,551.57 46,323.09 123,701.18 116,283.52 236,930.79 78,294.85 295,942.88 559,695.29 256,400.33 1,431,807.16 * 8,094,056.69 |
| 843,535.52 486,141.80 357,393.72 | 992,574.09 607,296.29 385,277.80 | 1,345,704.31 718,162.30 627,542.01 | 1,295,572.99 814,219.37 481,353.62 | 1,613,844.24 902,028.75 711,815.49 |

CONSOLIDATED

| YEAR..... | 1921 | 1922 | 1923 |
|--|---------------|---------------|---------------|
| Number of municipalities included.... | 205 | 214 | 224 |
| EARNINGS | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 3,149,080.03 | 3,786,608.23 | 5,166,452.24 |
| Commercial light service..... | 1,851,501.76 | 2,158,306.34 | 3,260,772.50 |
| Commercial power service..... | 3,895,437.46 | 4,383,912.97 | 5,927,666.37 |
| Municipal power..... | 654,531.01 | 973,263.38 | 1,161,598.60 |
| Street lighting..... | 1,060,357.77 | 1,160,446.81 | 1,269,604.48 |
| Rural service..... | 145,566.57 | 105,877.09 | 116,639.06 |
| Miscellaneous..... | 225,467.70 | 187,689.39 | 316,311.21 |
| Total earnings..... | 10,981,942.30 | 12,756,104.21 | 17,219,044.46 |
| EXPENSES | | | |
| Power purchased..... | 4,876,650.31 | 6,636,853.37 | 8,699,026.67 |
| Substation operation..... | 314,838.35 | 315,443.70 | 474,442.13 |
| Substation maintenance..... | 104,798.01 | 100,763.67 | 133,815.53 |
| Distribution system, operation and maintenance..... | 487,918.33 | 519,252.16 | 636,477.41 |
| Line transformer maintenance..... | 65,088.46 | 52,932.26 | 75,920.10 |
| Meter maintenance..... | 116,722.97 | 107,806.88 | 139,104.81 |
| Consumers' premises expenses..... | 134,854.92 | 143,388.88 | 218,682.02 |
| Street lighting, operation and maintenance..... | 297,481.52 | 297,363.86 | 299,579.08 |
| Promotion of business..... | 101,804.46 | 129,932.63 | 184,371.00 |
| Billing and collecting..... | 321,685.71 | 338,153.50 | 444,306.92 |
| General office, salaries and expenses..... | 656,268.11 | 605,852.50 | 937,463.47 |
| Undistributed expense..... | 308,874.42 | 385,895.03 | 359,206.91 |
| Interest..... | 998,611.47 | 1,074,657.44 | 1,615,205.16 |
| Sinking fund and principal payments on debentures..... | 532,183.96 | 635,469.90 | 990,907.14 |
| Total expenses..... | 9,317,781.00 | 11,343,765.78 | 15,208,508.35 |
| Surplus..... | 1,664,161.30 | 1,412,338.43 | 2,010,536.11 |
| Depreciation and other reserves..... | 1,044,434.85 | 715,814.24 | 916,782.75 |
| Surplus less depreciation..... | 619,726.45 | 696,524.19 | 1,093,753.36 |

OPERATING REPORT—Continued

| 1924 | 1925 | 1926 | 1927 | 1928 |
|---|--|--|--|--|
| 241 | 242 | 248 | 251 | 255 |
| \$ c. 5,993,231.07 3,566,227.22 6,222,865.88 1,352,966.47 1,356,668.97 75,100.24 231,663.58 | \$ c. 6,439,159.86 3,866,292.79 6,568,854.77 1,923,093.09 1,415,382.22 37,975.18 286,451.08 | \$ c. 7,372,602.62 4,187,899.19 6,789,217.54 1,922,512.34 1,457,686.21 37,810.73 471,134.15 | \$ c. 8,189,866.89 4,626,815.51 7,342,173.20 1,913,502.88 1,489,242.37 13,765.72 581,913.04 | \$ c. 8,925,050.56 5,182,723.32 8,298,669.44 1,921,300.97 1,534,476.98 48,451.90* 465,791.92 |
| 18,798,723.43 | 20,537,208.99 | 22,238,862.78 | 24,157,279.61 | 26,376,465.09 |
| 9,669,789.40 430,056.09 202,050.04 648,700.62 82,936.50 141,231.23 237,316.20 269,973.30 202,060.74 490,273.30 889,907.66 494,078.50 1,779,991.26 1,122,798.87 | 11,063,123.34 417,921.71 207,497.63 686,344.54 75,473.28 156,909.55 252,808.47 275,316.60 217,102.24 521,134.01 891,640.29 520,584.58 1,889,810.95 1,294,027.29 | 12,185,669.10 450,416.84 286,520.37 795,514.70 74,876.11 189,603.70 275,020.62 295,869.37 234,696.74 557,271.54 786,742.60 460,288.30 1,985,233.73 1,347,511.92 | 13,505,583.77 430,211.76 275,148.86 758,747.10 94,706.38 214,813.87 285,352.68 318,395.79 220,687.60 605,627.58 824,868.90 531,003.80 2,063,698.00 1,505,626.31 | 14,688,570.08 420,512.48 247,647.88 736,159.85 88,676.18 218,530.96 291,333.03 329,597.16 249,842.01 638,797.02 844,578.55 542,755.34 2,111,049.49 1,601,711.32 |
| 16,661,163.71 | 18,469,694.48 | 19,925,235.64 | 21,634,472.40 | 23,009,761.35 |
| 2,137,559.72 973,649.62 | 2,067,514.51 1,068,880.42 | 2,313,627.14 1,146,273.05 | 2,522,807.21 1,249,711.65 | 3,366,703.74 1,350,252.16 |
| 1,163,910.10 | 998,634.09 | 1,167,354.09 | 1,273,095.56 | 2,016,451.58 |

*See footnote on page 307.

CONSOLIDATED

| YEAR..... | 1929 | 1930 | 1931 |
|--|-----------------|------------------|------------------|
| Number of municipalities included.... | 259 | 267 | 275 |
| EARNINGS | | | |
| Domestic service..... | \$ 9,873,681.57 | \$ 10,542,903.89 | \$ 10,972,952.10 |
| Commercial light service..... | 5,697,766.06 | 5,961,383.23 | 6,230,475.89 |
| Commercial power service..... | 9,376,158.74 | 9,340,653.28 | 9,456,224.97 |
| Municipal power..... | 2,086,444.24 | 2,111,482.38 | 1,967,118.54 |
| Street lighting..... | 1,598,262.43 | 1,674,528.03 | 1,746,855.24 |
| Merchandise*..... | 51,590.54* | 28,954.60* | 29,446.38* |
| Miscellaneous..... | 522,780.95 | 581,914.78 | 511,139.80 |
| Total earnings..... | 29,206,684.53 | 30,241,820.19 | 30,914,212.92 |
| EXPENSES | | | |
| Power purchased..... | 16,379,162.88 | 17,323,077.97 | 18,085,166.51 |
| Substation operation..... | 461,270.27 | 479,502.48 | 487,484.17 |
| Substation maintenance..... | 274,275.56 | 320,716.48 | 303,536.11 |
| Distribution system, operation and maintenance..... | 907,817.04 | 991,972.86 | 1,015,256.14 |
| Line transformer maintenance..... | 93,608.14 | 96,746.35 | 93,463.24 |
| Meter maintenance..... | 242,126.27 | 278,379.43 | 284,633.88 |
| Consumers' premises expenses..... | 314,495.03 | 317,902.45 | 363,078.47 |
| Street lighting, operation and maintenance..... | 359,373.40 | 372,211.17 | 368,119.49 |
| Promotion of business..... | 250,844.28 | 249,070.05 | 255,956.03 |
| Billing and collecting..... | 695,729.42 | 745,159.02 | 792,983.99 |
| General office, salaries and expenses.. | 904,025.64 | 907,226.89 | 923,676.84 |
| Undistributed expense..... | 502,206.06 | 523,862.96 | 520,893.10 |
| Truck operation and maintenance..... | 110,630.62 | 112,029.82 | 107,918.93 |
| Interest..... | 2,152,695.49 | 2,220,214.45 | 2,328,094.32 |
| Sinking fund and principal payments on debentures..... | 1,687,201.64 | 1,828,061.62 | 2,061,718.79 |
| Total expenses..... | 25,335,461.74 | 26,766,134.00 | 27,991,980.01 |
| Surplus..... | 3,871,222.79 | 3,475,686.19 | 2,922,232.91 |
| Depreciation and other reserves..... | 1,469,846.83 | 1,574,991.68 | 1,775,330.69 |
| Surplus less depreciation..... | 2,401,375.96 | 1,900,694.51 | 1,146,902.22 |

OPERATING REPORT—Concluded

| 1932 | 1933 | 1934 | 1935 | 1936 |
|--|--|---|---|---|
| 280 | 282 | 282 | 284 | 283 |
| \$ c. 11,447,307.85 6,243,794.01 9,356,693.88 1,859,585.35 1,783,972.46 11,069.27* 513,787.30 | \$ c. 11,429,101.13 6,013,025.96 9,080,522.07 1,826,872.07 1,779,582.48 12,812.74* 485,925.43 | \$ c. 11,844,033.10 6,206,086.35 9,692,784.37 1,875,969.80 1,777,596.69 18,747.73* 555,172.04 | \$ c. 12,145,219.89 6,458,748.57 10,211,968.71 1,821,285.82 1,788,760.38 21,669.98* 562,285.82 | \$ c. 12,682,140.18 6,815,439.16 10,694,192.44 1,817,986.94 1,799,420.87 23,158.76* 575,825.49 |
| 31,216,210.12 | 30,627,841.88 | 31,970,390.08 | 33,009,939.17 | 34,408,163.84 |
| 19,109,036.25 503,351.82 300,186.15 969,750.51 95,485.55 300,104.85 368,208.73 360,709.76 266,760.84 818,721.33 960,558.88 436,692.96 112,059.90 2,532,940.93 2,244,367.86 | 19,330,861.58 484,764.57 288,583.29 895,350.99 82,321.32 283,115.98 361,499.20 353,082.15 259,936.42 817,660.03 908,517.79 349,101.36 105,452.68 2,426,286.35 2,319,319.09 | 19,591,887.79 468,944.09 296,550.52 844,813.95 75,172.18 291,402.79 352,499.09 338,784.80 228,741.36 827,860.20 908,039.75 362,322.12 98,081.61 2,204,994.25 2,358,169.12 | 20,053,676.40 478,813.83 297,127.27 830,633.88 70,749.63 313,234.11 340,761.52 340,120.36 252,648.33 835,375.90 943,880.18 360,676.96 95,150.54 2,040,130.35 2,423,088.34 | 20,486,582.65 478,855.71 301,897.24 855,576.02 72,711.67 328,410.90 306,644.80 356,932.01 288,338.93 945,892.70 967,269.06 448,332.98 69,805.06 1,893,304.28 2,448,223.80 |
| 29,378,936.42 | 29,265,852.80 | 29,248,263.62 | 29,686,067.60 | 30,248,777.81 |
| 1,837,273.70 1,920,896.22 | 1,361,989.08 1,989,000.41 | 2,722,126.46 2,036,637.33 | 3,323,871.57 2,076,322.24 | 4,159,386.03 2,230,021.86 |
| 83,622.52 (loss) | 627,011.33 (loss) | 685,489.13 | 1,247,549.33 | 1,929,364.17 |

*Profits from the sale of merchandise. Rural service now given in "Rural Power Districts." Consult Section IX.

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA SYSTEM

| Municipality..... | Acton | Agincourt | Ailsa Craig 452 | Alvinston | Amherst- burg 2,670 |
|--|--------------|--------------|-----------------------|--------------|---------------------------|
| Population..... | 1,957 | P.V. | | 607 | |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 1,545.45 | | | 133.56 | |
| Substation equipment..... | 1,847.39 | | | | 932.00 |
| Distribution system—overhead..... | 23,921.94 | 8,559.03 | 7,571.03 | 14,001.62 | 34,541.35 |
| Distribution system—underground..... | | | | | |
| Line transformers..... | 11,387.85 | 3,867.68 | 1,761.29 | 2,980.49 | 15,952.89 |
| Meters..... | 10,747.96 | 2,634.70 | 2,443.67 | 2,972.37 | 16,063.80 |
| Street light equipment, regular..... | 1,889.60 | 874.51 | 412.24 | 1,090.62 | 812.44 |
| Street light equipment, ornamental..... | | | | | 5,598.72 |
| Miscellaneous construction expense..... | 2,995.73 | 69.90 | 492.36 | 810.74 | 1,559.66 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | | | 773.85 | |
| Total plant..... | 54,335.92 | 16,005.82 | 12,680.59 | 22,763.25 | 75,460.86 |
| Bank and cash balance..... | 5,604.01 | 3,362.84 | 7,706.66 | 1,296.38 | 9,468.33 |
| Securities and investments..... | 4,500.00 | 3,000.00 | 3,000.00 | 7,500.00 | |
| Accounts receivable..... | 2,123.98 | 897.25 | 400.30 | 494.92 | 5,019.13 |
| Inventories..... | 977.88 | | | | |
| Sinking fund on local debentures..... | | | | | |
| Equity in H-E.P.C. systems..... | 50,320.80 | 7,690.58 | 12,033.18 | 11,845.69 | 38,344.90 |
| Other assets..... | 214.69 | | | | 2,874.79 |
| Total assets..... | 118,077.28 | 30,956.49 | 35,820.73 | 43,900.24 | 131,168.01 |
| Deficit..... | | | | | |
| Total..... | 118,077.28 | 30,956.49 | 35,820.73 | 43,900.24 | 131,168.01 |
| LIABILITIES | | | | | |
| Debenture balance..... | | 1,503.80 | | 8,946.44 | 17,186.79 |
| Accounts payable..... | | | 97.37 | | 35.18 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 735.21 | | 161.00 | 52.85 | 7,207.69 |
| Total liabilities..... | 735.21 | 1,503.80 | 258.37 | 8,999.29 | 24,429.66 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 50,320.80 | 7,690.58 | 12,033.18 | 11,845.69 | 38,344.90 |
| For depreciation..... | 10,299.25 | 2,579.78 | 5,841.77 | 6,579.14 | 19,699.77 |
| Other reserves..... | | | | 75.00 | 329.33 |
| Total reserves..... | 60,620.05 | 10,270.36 | 17,874.95 | 18,499.83 | 58,374.00 |
| SURPLUS | | | | | |
| Debentures paid..... | 14,500.00 | 6,568.85 | 6,883.38 | 14,582.80 | 14,866.81 |
| Local sinking fund..... | | | | | |
| Operating surplus..... | 42,222.02 | 12,613.48 | 10,804.03 | 1,818.32 | 33,497.54 |
| Total surplus..... | 56,722.02 | 19,182.33 | 17,687.41 | 16,401.12 | 48,364.35 |
| Total liabilities, reserves and surplus..... | 118,077.28 | 30,956.49 | 35,820.73 | 43,900.24 | 131,168.01 |
| Percentage of net debt to total assets..... | 1.1 | 6.5 | 1.1 | 28.0 | 21.6 |

NOTE.—In computing the “percentage of net debt to total assets,” the ornamental street lighting capital, sinking fund on local debentures, and equity in H-E.P.C. systems, are excluded from assets; and the total liabilities are reduced by the amount of the local sinking fund reserve,

“A”

Hydro Municipalities as at December 31, 1936

| Ancaster Twp. | Arkona 408 | Aylmer 1,992 | Ayr 763 | Baden P.V. | Beachville P.V. | Belle River 705 | Blenheim 1,740 |
|------------------|---------------|-------------------|-----------------|-----------------|--------------------|-----------------------|-------------------|
| \$ c. | \$ c. | \$ c. 9,019.23 | \$ c. 125.00 | \$ c. 660.64 | \$ c. 176.13 | \$ c. | \$ c. 909.64 |
| 16,114.42 | 9,572.99 | 20,977.11 | 12,522.37 | 8,658.62 | 14,106.51 | 17,290.92 | 27,381.49 |
| 10,742.40 | 1,706.44 | 10,927.47 | 4,154.96 | 5,632.00 | 3,550.21 | 4,299.15 | 8,871.19 |
| 4,412.99 | 1,584.70 | 10,412.00 | 3,709.59 | 3,191.77 | 3,370.72 | 3,751.10 | 9,367.94 |
| 1,372.59 | 720.25 | 1,821.81 | 610.17 | 447.45 | 444.23 | 924.29 | 3,368.26 |
| 394.30 | 215.36 | 1,122.18 | 941.79 | | 602.04 | 1,055.71 | 1,482.97 |
| | 1,030.30 | 6,719.17 | 4,002.53 | | | | 866.05 |
| 33,036.70 | 14,830.04 | 60,998.97 | 26,066.41 | 18,590.48 | 22,249.84 | 27,321.17 | 52,247.54 |
| | 140.64 | 5,040.11 | 757.45 | 1,804.27 | 1,934.53 | 1,604.49 | 9,631.03 |
| | | 12,000.00 | | | 4,000.00 | | |
| 1,774.42 | 54.95 | 2,525.06 | 1,017.47 | 1,197.00 | 728.82 | 1,405.65 | 1,410.22 |
| | | | | | | | 624.99 |
| 11,851.32 | 4,374.33 | 30,941.86 | 11,002.73 | 24,666.59 | 31,021.46 | 7,341.45 | 28,090.57 |
| | | | 517.29 | | | | |
| 46,662.44 | 19,399.96 | 111,506.00 | 39,361.35 | 46,258.34 | 59,934.65 | 37,672.76 | 92,004.35 |
| | 1,578.58 | | | | | | |
| 46,662.44 | 20,978.54 | 111,506.00 | 39,361.35 | 46,258.34 | 59,934.65 | 37,672.76 | 92,004.35 |
| 6,939.14 | 7,853.69 | 15,926.16 | 5,791.20 | 1,408.20 | 1,547.36 | | 6,918.08 |
| 1,189.36 | 1,182.60 | 77.40 | 6.51 | | 66.82 | | 144.57 |
| 460.00 | | | | | | | |
| 212.42 | 14.17 | 141.00 | | | | 79.00 | 1,656.47 |
| 8,800.92 | 9,050.46 | 16,144.56 | 5,797.71 | 1,408.20 | 1,614.18 | 79.00 | 8,719.12 |
| 11,851.32 | 4,374.33 | 30,941.86 | 11,002.73 | 24,666.59 | 31,021.46 | 7,341.45 | 28,090.57 |
| 7,889.90 | 2,294.61 | 13,504.49 | 5,273.83 | 2,503.12 | 6,640.46 | 6,736.35 | 14,055.54 |
| | | 665.91 | | | | 5,000.00 | 104.98 |
| 19,741.22 | 6,668.94 | 45,112.26 | 16,276.56 | 27,169.71 | 37,661.92 | 19,077.80 | 42,251.09 |
| 3,850.44 | 5,259.14 | 22,775.76 | 11,712.18 | 3,591.80 | 3,805.64 | 8,500.00 | 7,081.92 |
| 14,269.86 | | 27,473.42 | 5,574.90 | 14,088.63 | 16,852.91 | 10,015.96 | 33,952.22 |
| 18,120.30 | 5,259.14 | 50,249.18 | 17,287.08 | 17,680.43 | 20,658.55 | 18,515.96 | 41,034.14 |
| 46,662.44 | 20,978.54 | 111,506.00 | 39,361.35 | 46,258.34 | 59,934.65 | 37,672.76 | 92,004.35 |
| 25.2 | 60.2 | 20.0 | 20.4 | 6.5 | 5.6 | 0.3 | 11.6 |

and the liability in respect to the ornamental street lighting capital, which amount is included in other liabilities.

STATEMENT

Balance Sheets of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Blyth | Bolton | Bothwell | Brampton | Brantford |
|---|-----------|-----------|-----------|------------|--------------|
| Population..... | 632 | 559 | 697 | 5,447 | 31,212 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | | | | 5,355.12 | 99,118.72 |
| Substation equipment..... | | | | 30,779.44 | 166,185.23 |
| Distribution system—overhead..... | 11,466.08 | 9,970.72 | 6,197.53 | 50,722.13 | 236,275.04 |
| Distribution system—underground..... | | | | | |
| Line transformers..... | 2,449.70 | 4,688.27 | 2,492.37 | 31,434.50 | 127,389.30 |
| Meters..... | 2,069.34 | 3,080.82 | 2,909.24 | 27,995.21 | 127,649.95 |
| Street light equipment, regular..... | 1,569.43 | 856.19 | 209.51 | 2,679.07 | 24,202.17 |
| Street light equipment, ornamental..... | | | 4,431.19 | | 38,922.18 |
| Miscellaneous construction expense.. | 271.95 | 1,050.06 | 504.62 | 18,229.02 | 32,090.31 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | 2,332.68 | 1,554.60 | | | 7,257.00 |
| Plant not distributed..... | | | | | 200,000.00 |
| Total plant..... | 20,159.18 | 21,200.66 | 16,744.46 | 167,194.49 | 1,059,089.90 |
| Bank and cash balance..... | 2,786.42 | 2,188.92 | 4,204.43 | 5,077.84 | 26,575.46 |
| Securities and investments..... | | 1,500.00 | 11,000.00 | 4,313.40 | |
| Accounts receivable..... | 1,008.48 | 799.02 | 245.23 | 5,213.01 | 32,835.11 |
| Inventories..... | | | 27.50 | 153.59 | 9,631.65 |
| Sinking fund on local debentures..... | | | | | |
| Equity in H-E.P.C. systems..... | 6,998.60 | 13,561.57 | 13,809.61 | 125,532.18 | 657,947.36 |
| Other assets..... | | | | | 16,567.97 |
| Total assets..... | 30,952.68 | 39,250.17 | 46,031.23 | 307,484.51 | 1,802,647.45 |
| Deficit..... | | | | | |
| Total..... | 30,952.68 | 39,250.17 | 46,031.23 | 307,484.51 | 1,802,647.45 |
| LIABILITIES | | | | | |
| Debenture balance..... | 5,714.13 | 4,232.81 | 2,470.68 | 6,818.89 | 115,750.00 |
| Accounts payable..... | 189.58 | | 67.20 | 5,987.30 | 30,560.76 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 155.00 | | 1,196.22 | | 54,067.97 |
| Total liabilities..... | 6,058.71 | 4,232.81 | 3,734.10 | 12,806.19 | 200,378.73 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 6,998.60 | 13,561.57 | 13,809.61 | 125,532.18 | 657,947.36 |
| For depreciation..... | 3,930.62 | 6,568.43 | 7,010.84 | 51,554.54 | 249,935.91 |
| Other reserves..... | | | 25.02 | 207.89 | 209,425.97 |
| Total reserves..... | 10,929.22 | 20,130.00 | 20,845.47 | 177,294.61 | 1,117,309.24 |
| SURPLUS | | | | | |
| Debentures paid..... | 10,554.90 | 8,267.19 | 3,063.51 | 62,231.75 | 414,250.00 |
| Local sinking fund..... | | | | | |
| Operating surplus..... | 3,409.85 | 6,620.17 | 18,388.15 | 55,151.96 | 70,709.48 |
| Total surplus..... | 13,964.75 | 14,887.36 | 21,451.66 | 117,383.71 | 484,959.48 |
| Total liabilities, reserves and surplus.... | 30,952.68 | 39,250.17 | 46,031.23 | 307,484.51 | 1,802,647.45 |
| Percentage of net debt to total assets.... | 25.3 | 16.5 | 9.4 | 7.0 | 14.7 |

“A”—Continued

Hydro Municipalities as at December 31, 1936

| Brantford Twp. | Bridgeport P.V. | Brigden P.V. | Brussels 775 | Burford P.V. | Burgess- ville P.V. | Caledonia 1,351 | Campbell- ville P.V. |
|-------------------|--------------------|-----------------|-----------------|-----------------|---------------------------|--------------------|----------------------------|
| \$ c. | \$ c. | \$ c. 101.03 | \$ c. | \$ c. 202.00 | \$ c. | \$ c. | \$ c. |
| 1,192.71 | | | | | | | |
| 57,357.25 | 9,809.80 | 7,218.75 | 13,651.07 | 9,277.77 | 3,518.20 | 17,987.95 | 2,973.19 |
| 17,077.14 | 3,979.30 | 2,060.02 | 2,402.70 | 3,008.01 | 1,203.50 | 6,432.74 | 718.23 |
| 12,792.22 | 2,263.94 | 2,238.85 | 3,949.86 | 3,493.95 | 996.24 | 6,697.60 | 602.20 |
| 4,716.64 | 1,602.69 | 464.90 | 1,587.79 | 425.14 | 261.02 | 1,582.94 | 335.61 |
| 2,847.28 | 634.91 | 924.87 | 1,572.29 | 697.58 | 457.22 | 897.74 | 45.82 |
| | | 1,381.00 | 2,827.50 | | | | |
| 95,983.24 | 18,290.64 | 14,389.42 | 25,991.21 | 17,104.45 | 6,436.18 | 33,598.97 | 4,675.05 |
| 2,134.40 | 86.19 | 1,876.17 | 8,267.24 | 2,582.53 | 96.37 | 1,223.08 | 769.54 |
| 1,215.89 | 637.30 | 352.04 | 830.99 | 4,000.00 | | 2,000.00 | 1,000.00 |
| | | | | 578.48 | 219.83 | 855.22 | 437.36 |
| 4,300.53 | | | | | | | |
| 23,249.51 | 4,181.21 | 9,143.51 | 9,575.61 | 10,201.99 | 4,092.80 | 16,660.73 | 1,756.89 |
| 1,748.17 | 132.91 | | | | | | |
| 128,631.74 | 23,328.25 | 25,761.14 | 44,665.05 | 34,467.45 | 10,845.18 | 54,338.00 | 8,638.84 |
| 128,631.74 | 23,328.25 | 25,761.14 | 44,665.05 | 34,467.45 | 10,845.18 | 54,338.00 | 8,638.84 |
| 12,723.10 | 9,997.92 | | 9,986.35 | | | 968.92 | 2,725.50 |
| 408.84 | 221.99 | | 1,807.99 | | 174.06 | | |
| 1,748.17 | 132.91 | 10.00 | | 45.08 | | 5.00 | |
| 14,880.11 | 10,352.82 | 10.00 | 11,794.34 | 45.08 | 174.06 | 973.92 | 2,725.50 |
| 23,249.51 | 4,181.21 | 9,143.51 | 9,575.61 | 10,201.99 | 4,092.80 | 16,660.73 | 1,756.89 |
| 23,407.18 | 5,996.62 | 4,139.90 | 5,824.35 | 5,225.74 | 2,670.09 | 2,469.56 | 1,046.54 |
| 91.61 | | 78.89 | | | 85.41 | | |
| 46,748.30 | 10,177.83 | 13,362.30 | 15,399.96 | 15,427.73 | 6,848.30 | 19,130.29 | 2,803.43 |
| 44,402.56 | 2,370.11 | 8,000.00 | 11,013.65 | 9,000.00 | 3,500.00 | 3,655.08 | 2,722.27 |
| 4,300.53 | | | | | | | |
| 18,300.24 | 427.49 | 4,388.84 | 6,457.10 | 9,994.64 | 322.82 | 30,578.71 | 387.64 |
| 67,003.33 | 2,797.60 | 12,388.84 | 17,470.75 | 18,994.64 | 3,822.82 | 34,233.79 | 3,109.91 |
| 128,631.74 | 23,328.25 | 25,761.14 | 44,665.05 | 34,467.45 | 10,845.18 | 54,338.00 | 8,638.84 |
| 10.5 | 54.0 | 0.6 | 33.6 | 0.2 | 2.6 | 2.5 | 39.6 |

STATEMENT

Balance Sheets of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Cayuga | Chatham | Chippawa | Clifford | Clinton |
|--|-----------|--------------|-----------|-----------|------------|
| Population..... | 700 | 15,957 | 1,195 | 423 | 1,873 |
| ASSETS..... | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | | 46,616.76 | 631.50 | | 8,760.82 |
| Substation equipment..... | | 113,072.81 | | | 7,598.09 |
| Distribution system—overhead..... | 14,969.29 | 164,176.35 | 19,738.42 | 7,727.14 | 23,591.16 |
| Distribution system—underground..... | | 82,861.60 | | | |
| Line transformers..... | 3,280.79 | 84,751.28 | 6,107.56 | 1,077.29 | 9,038.73 |
| Meters..... | 3,068.86 | 70,356.61 | 5,187.47 | 2,320.95 | 9,949.48 |
| Street light equipment, regular..... | 951.86 | 18,843.16 | 1,898.61 | 716.85 | 1,347.48 |
| Street light equipment, ornamental..... | | 35,426.10 | | | |
| Miscellaneous construction expense..... | 459.87 | 32,123.33 | 1,070.52 | 37.44 | 3,601.74 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | 42,752.31 | | | 10,658.09 |
| Total plant..... | 22,730.67 | 690,980.31 | 34,634.08 | 11,879.67 | 74,545.59 |
| Bank and cash balance..... | 1,218.48 | 23,988.68 | 2,634.32 | 790.88 | 5,279.41 |
| Securities and investments..... | 1,500.00 | | | | 3,000.00 |
| Accounts receivable..... | 814.61 | 37,465.51 | 285.95 | 510.57 | 2,373.85 |
| Inventories..... | 340.27 | 5,684.31 | | 21.40 | 2,995.29 |
| Sinking fund on local debentures..... | | | | | 36,238.52 |
| Equity in H-E.P.C. systems..... | 6,787.06 | 293,727.90 | 12,894.01 | 4,910.54 | 35,039.76 |
| Other assets..... | | 15,689.46 | | | |
| Total assets..... | 33,391.09 | 1,067,536.17 | 50,448.36 | 18,113.06 | 159,472.42 |
| Deficit..... | | | | | |
| Total..... | 33,391.09 | 1,067,536.17 | 50,448.36 | 18,113.06 | 159,472.42 |
| LIABILITIES..... | | | | | |
| Debenture balance..... | 10,601.45 | 195,191.85 | 3,874.99 | 6,190.32 | 40,500.00 |
| Accounts payable..... | 117.00 | 13,644.13 | | | 13.73 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 90.00 | 41,052.26 | 242.00 | | 343.81 |
| Total liabilities..... | 10,808.45 | 249,888.24 | 4,116.99 | 6,190.32 | 40,857.54 |
| RESERVES..... | | | | | |
| For equity in H-E.P.C. systems..... | 6,787.06 | 293,727.90 | 12,894.01 | 4,910.54 | 35,039.76 |
| For depreciation..... | 4,479.06 | 152,517.17 | 7,674.94 | 2,151.83 | 25,098.88 |
| Other reserves..... | | 21,397.90 | | | 611.25 |
| Total reserves..... | 11,266.12 | 467,642.97 | 20,568.95 | 7,062.37 | 60,749.89 |
| SURPLUS..... | | | | | |
| Debentures paid..... | 9,398.55 | 174,808.15 | 9,475.01 | 1,809.68 | 4,000.00 |
| Local sinking fund..... | | | | | 36,238.52 |
| Operating surplus..... | 1,917.97 | 175,196.81 | 16,287.41 | 3,050.69 | 17,626.47 |
| Total surplus..... | 11,316.52 | 350,004.96 | 25,762.42 | 4,860.37 | 57,864.99 |
| Total liabilities, reserves and surplus..... | 33,391.09 | 1,067,536.17 | 50,448.36 | 18,113.06 | 159,472.42 |
| Percentage of net debt to total assets..... | 40.6 | 29.0 | 10.9 | 46.9 | 5.2 |

"A"—Continued

Hydro Municipalities as at December 31, 1936

| Comber P.V. | Cottam P.V. | Courtright 283 | Dashwood P.V. | Delaware P.V. | Dorchester P.V. | Drayton 568 | Dresden 1,509 |
|----------------|----------------|-------------------|------------------|------------------|--------------------|----------------|---------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 7,334.60 | 9,591.84 | 6,539.99 | 3,449.28 | 3,921.97 | 8,987.89 | 9,505.63 | 523.00 18,637.05 |
| 3,422.04 | 1,661.26 | 1,225.40 | 1,720.44 | 1,001.44 | 3,126.91 | 3,328.48 | 7,508.37 |
| 2,554.23 | 1,798.79 | 880.37 | 1,406.13 | 1,006.77 | 2,481.13 | 3,352.84 | 6,097.46 |
| 384.93 | 366.43 | 425.08 | 353.42 | 148.08 | 641.67 | 772.21 | 1,127.48 |
| 1,047.69 | 226.43 | 558.67 | 291.87 | 208.73 | 328.41 | 416.81 | 1,577.46 |
| | | | | | | | 4,815.01 |
| 14,743.49 | 13,644.75 | 9,629.51 | 7,221.14 | 6,286.99 | 15,566.01 | 17,375.97 | 40,285.83 |
| 2,518.13 | 1,995.03 | 1,269.33 | 1,502.82 | 1,117.49 | 2,204.40 | 726.95 | 1,951.16 |
| 3,000.00 | 3,000.00 | | 1,500.00 | 3,000.00 | 2,000.00 | 5,000.00 | 2,500.00 |
| 406.70 | 287.12 | 77.16 | 860.89 | 482.04 | 462.16 | 593.70 | 3,168.14 431.83 |
| 14,568.57 | 2,940.15 | 4,199.44 | 6,364.37 | 2,233.17 | 5,518.15 | 9,196.70 | 23,716.61 |
| 62.00 | | | | | | | |
| 35,298.89 | 21,867.05 | 15,175.44 | 17,449.22 | 13,119.69 | 25,750.72 | 32,893.32 | 72,053.57 |
| 35,298.89 | 21,867.05 | 15,175.44 | 17,449.22 | 13,119.69 | 25,750.72 | 32,893.32 | 72,053.57 |
| 800.56 | 5,676.79 | 1,505.77 | 1,758.32 | 1,682.42 | 1,988.61 | 5,443.25 | |
| 4.25 | | 68.08 | 168.99 | 134.36 | 590.50 | 14.98 | |
| 22.00 | 190.00 | | 70.00 | | 27.50 | | 178.00 |
| 826.81 | 5,866.79 | 1,573.85 | 1,997.31 | 1,816.78 | 2,606.61 | 5,458.23 | 178.00 |
| 14,568.57 | 2,940.15 | 4,199.44 | 6,364.37 | 2,233.17 | 5,518.15 | 9,196.70 | 23,716.61 |
| 5,675.34 | 3,550.63 | 1,424.78 | 2,580.52 | 1,329.42 | 2,539.97 | 6,544.91 | 5,775.14 267.44 |
| | | | 30.00 | | 64.15 | | |
| 20,243.91 | 6,490.78 | 5,624.22 | 8,944.89 | 3,592.59 | 8,122.27 | 15,741.61 | 29,759.19 |
| 6,899.44 | 3,323.43 | 6,632.58 | 1,641.68 | 2,317.58 | 2,311.39 | 4,056.75 | 16,238.25 |
| 7,328.73 | 6,186.05 | 1,344.79 | 4,865.34 | 5,392.74 | 12,710.45 | 7,636.73 | 25,878.13 |
| 14,228.17 | 9,509.48 | 7,977.37 | 6,507.02 | 7,710.32 | 15,021.84 | 11,693.48 | 42,116.38 |
| 35,298.89 | 21,867.05 | 15,175.44 | 17,449.22 | 13,119.69 | 25,750.72 | 32,893.32 | 72,053.57 |
| 4.0 | 31.0 | 14.3 | 18.0 | 16.7 | 12.9 | 23.0 | 0.4 |

STATEMENT

Balance Sheets of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Drumbo | Dublin | Dundas | Dunnville | Dutton |
|--|------------|------------|-------------|-------------|------------|
| Population..... | P.V. | P.V. | 5,062 | 3,938 | 810 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | | | 12,111. 11 | 3,356. 09 | |
| Substation equipment..... | | | 13,396. 22 | 27,507. 57 | |
| Distribution system—overhead..... | 4,613. 36 | 5,787. 61 | 50,394. 00 | 38,189. 29 | 9,094. 18 |
| Distribution system—underground..... | | | | | |
| Line transformers..... | 1,651. 50 | 897. 65 | 19,634. 79 | 18,561. 65 | 3,425. 25 |
| Meters..... | 1,863. 92 | 874. 11 | 20,067. 60 | 17,211. 93 | 3,376. 79 |
| Street light equipment, regular..... | 262. 27 | 544. 86 | 10,834. 15 | 8,012. 37 | 659. 31 |
| Street light equipment, ornamental..... | | | 1,154. 52 | | |
| Miscellaneous construction expense..... | 235. 58 | 787. 06 | 6,424. 70 | 5,412. 66 | 311. 10 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | | 1,867. 38 | 10,717. 62 | |
| Total plant..... | 8,626. 63 | 8,891. 29 | 135,884. 47 | 128,969. 18 | 16,866. 63 |
| Bank and cash balance..... | 5,177. 79 | 472. 33 | 17,897. 67 | 7,398. 33 | 1,068. 18 |
| Securities and investments..... | | | 1,500. 00 | 10,000. 00 | 4,000. 00 |
| Accounts receivable..... | 202. 27 | 401. 68 | 6,407. 18 | 5,136. 86 | 690. 43 |
| Inventories..... | | | 329. 30 | 1,397. 97 | 9. 10 |
| Sinking fund on local debentures..... | | | | | |
| Equity in H-E.P.C. systems..... | 4,852. 82 | 4,389. 78 | 105,958. 57 | 44,784. 59 | 14,814. 53 |
| Other assets..... | | | 4,744. 81 | | 75. 11 |
| Total assets..... | 18,859. 51 | 14,155. 08 | 272,722. 00 | 197,686. 93 | 37,523. 98 |
| Deficit..... | | 1,010. 07 | | | |
| Total..... | 18,859. 51 | 15,165. 15 | 272,722. 00 | 197,686. 93 | 37,523. 98 |
| LIABILITIES | | | | | |
| Debenture balance..... | 1,891. 97 | | 18,924. 75 | 41,564. 87 | |
| Accounts payable..... | 105. 65 | 692. 51 | 170. 35 | 2,803. 51 | 56 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | | | 5,695. 34 | 1,595. 00 | 117. 36 |
| Total liabilities..... | 1,997. 62 | 692. 51 | 24,790. 44 | 45,963. 38 | 117. 92 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 4,852. 82 | 4,389. 78 | 105,958. 57 | 44,784. 59 | 14,814. 53 |
| For depreciation..... | 3,800. 76 | 3,882. 86 | 52,574. 75 | 32,572. 31 | 7,387. 56 |
| Other reserves..... | | | 2,395. 14 | | 43. 20 |
| Total reserves..... | 8,653. 58 | 8,272. 64 | 160,928. 46 | 77,356. 90 | 22,245. 29 |
| SURPLUS | | | | | |
| Debentures paid..... | 2,608. 03 | 6,200. 00 | 34,075. 25 | 33,935. 13 | 8,407. 49 |
| Local sinking fund..... | | | | | |
| Operating surplus..... | 5,600. 28 | | 52,927. 85 | 40,431. 52 | 6,753. 28 |
| Total surplus..... | 8,208. 31 | 6,200. 00 | 87,003. 10 | 74,366. 65 | 15,160. 77 |
| Total liabilities, reserves and surplus..... | 18,859. 51 | 15,165. 15 | 272,722. 00 | 197,686. 93 | 37,523. 98 |
| Percentage of net debt to total assets..... | 14. 3 | 7. 1 | 14. 2 | 30. 6 | 0. 5 |

"A"—Continued

Hydro Municipalities as at December 31, 1936

| East York Twp. | Elmira 2,352 | Elora 1,143 | Embro 434 | Erieau 286 | Erie Beach 26 | Essex 1,748 | Etobicoke Twp. |
|-------------------------------------|-----------------|----------------|--------------|---------------|---------------------|----------------|-------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 17,018.18 8,893.55 293,657.01 | 7,421.01 | 1,524.54 | | | | | 27,175.69 |
| | 34,914.87 | 17,366.50 | 10,202.41 | 10,082.52 | 2,048.16 | 36,700.78 | 281,282.58 |
| 82,224.48 | 15,439.13 | 7,704.49 | 3,039.64 | 1,861.67 | 613.17 | 442.55 | 75,560.67 |
| 143,491.66 | 12,493.25 | 5,958.60 | 2,075.18 | 2,535.54 | 689.12 | 16,065.63 | 58,454.33 |
| 21,216.27 | 1,377.20 | 1,245.99 | 535.73 | 298.65 | | 11,348.57 | 12,406.04 |
| | | | | | | 1,548.10 | 7,205.06 |
| | | | | | | 7,205.06 | 2,689.44 |
| 12,338.18 | 3,521.24 | 1,110.59 | 69.45 | 379.90 | 375.03 | 1,758.95 | 5,867.09 |
| | 2,168.08 | 1,425.47 | 429.25 | | | | |
| 578,839.33 | 77,334.78 | 36,336.18 | 16,351.66 | 15,158.28 | 3,725.48 | 75,069.64 | 463,435.84 |
| 18,302.54 | 3,657.19 | 564.29 | 2,671.63 | 1,404.54 | 1,403.39 | 4,728.62 | 5,456.67 |
| 2,812.91 | | 7,000.00 | 1,000.00 | | | 10,000.00 | |
| 16,458.32 | 2,802.12 | 1,159.39 | 686.16 | 561.22 | 135.97 | 2,092.03 | 9,537.68 |
| 6,656.91 | | 580.52 | | | | | 6,127.92 |
| 182,204.73 | 59,958.23 | 28,736.50 | 8,574.82 | 4,406.97 | 1,085.78 | 21,999.33 | 139,790.30 |
| | | 36.49 | | | | 664.63 | |
| 805,274.74 | 143,752.32 | 74,413.37 | 29,284.27 | 21,531.01 | 6,350.62 | 114,554.25 | 624,348.41 |
| 805,274.74 | 143,752.32 | 74,413.37 | 29,284.27 | 21,531.01 | 6,350.62 | 114,554.25 | 624,348.41 |
| 213,552.33 | 19,321.10 | 1,319.29 | 1,747.92 | 3,443.54 | 2,117.77 | 17,410.28 | 146,901.83 |
| 36,516.19 | 13.25 | 1,264.71 | 361.18 | 43.53 | | 4.20 | 20,187.00 |
| 16,343.68 | 729.39 | 32.25 | | 35.00 | 5.00 | 7,869.69 | 8,752.02 |
| 266,412.20 | 20,063.74 | 2,616.25 | 2,109.10 | 3,522.07 | 2,122.77 | 25,284.17 | 175,840.85 |
| 182,204.73 | 59,958.23 | 28,736.50 | 8,574.82 | 4,406.97 | 1,085.78 | 21,999.33 | 139,790.30 |
| 77,457.57 | 20,576.53 | 13,294.38 | 5,842.31 | 2,670.32 | 489.31 | 16,010.11 | 88,419.98 |
| 5,508.12 | | | 50.00 | 47.21 | | 444.22 | 602.69 |
| 265,170.42 | 80,534.76 | 42,030.88 | 14,467.13 | 7,124.50 | 1,575.09 | 38,453.66 | 228,812.97 |
| 143,515.45 | 17,847.40 | 11,680.71 | 5,752.08 | 3,439.59 | 1,182.23 | 5,089.72 | 118,793.57 |
| 130,176.67 | 25,306.42 | 18,085.53 | 6,955.96 | 7,444.85 | 1,470.53 | 45,726.70 | 100,901.02 |
| 273,692.12 | 43,153.82 | 29,766.24 | 12,708.04 | 10,884.44 | 2,652.76 | 50,816.42 | 219,694.59 |
| 805,274.74 | 143,752.32 | 74,413.37 | 29,284.27 | 21,531.01 | 6,350.62 | 114,554.25 | 624,348.41 |
| 42.8 | 23.9 | 5.7 | 10.2 | 20.6 | 40.3 | 21.2 | 35.9 |

STATEMENT

Balance Sheets of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Exeter | Fergus | Fonthill | Forest |
|--|--------------|--------------|--------------|--------------|
| Population..... | 1,658 | 2,623 | 800 | 1,475 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 3,320.81 | | | 6,447.40 |
| Substation equipment..... | | | | |
| Distribution system—overhead..... | 29,753.92 | 34,738.72 | 11,174.61 | 20,457.40 |
| Distribution system—underground..... | | | | |
| Line transformers..... | 11,484.35 | 19,482.45 | 5,058.63 | 9,851.96 |
| Meters..... | 8,147.02 | 12,958.53 | 4,419.34 | 9,833.82 |
| Street light equipment, regular..... | 4,722.46 | 2,529.59 | 1,074.40 | 2,369.94 |
| Street light equipment, ornamental..... | | | | |
| Miscellaneous construction expense..... | 1,977.72 | 1,258.95 | 3,773.65 | 879.39 |
| Steam or hydraulic plant..... | | | | |
| Old plant..... | | 2,546.59 | | 11,042.87 |
| Total plant..... | 59,406.28 | 73,514.83 | 25,500.63 | 60,882.78 |
| Bank and cash balance..... | 2,286.80 | 1,708.27 | 2,811.52 | 2,421.31 |
| Securities and investments..... | 11,000.00 | | | 14,500.00 |
| Accounts receivable..... | 3,126.91 | 5,179.99 | 243.25 | 2,974.60 |
| Inventories..... | 1,529.10 | 66.99 | | 1,869.45 |
| Sinking fund on local debentures..... | | | | |
| Equity in H-E.P.C. systems..... | 31,076.74 | 42,238.92 | 4,315.31 | 23,402.39 |
| Other assets..... | | 92.31 | | |
| Total assets..... | 108,425.83 | 122,801.31 | 32,870.71 | 106,050.53 |
| Deficit..... | | | | |
| Total..... | 108,425.83 | 122,801.31 | 32,870.71 | 106,050.53 |
| LIABILITIES | | | | |
| Debenture balance..... | 5,031.89 | 14,971.95 | 13,496.57 | 7,820.36 |
| Accounts payable..... | | 3,607.37 | 2,343.68 | |
| Bank overdraft..... | | | | |
| Other liabilities..... | 224.50 | 25.00 | 370.62 | 43.06 |
| Total liabilities..... | 5,256.39 | 18,604.32 | 16,210.87 | 7,863.42 |
| RESERVES | | | | |
| For equity in H-E.P.C. systems..... | 31,076.74 | 42,238.92 | 4,315.31 | 23,402.39 |
| For depreciation..... | 12,679.68 | 10,483.91 | 2,129.35 | 15,192.26 |
| Other reserves..... | 543.84 | 350.00 | | 43.20 |
| Total reserves..... | 44,300.26 | 53,072.83 | 6,444.66 | 38,637.85 |
| SURPLUS | | | | |
| Debentures paid..... | 14,968.16 | 27,028.05 | 9,003.43 | 26,579.64 |
| Local sinking fund..... | | | | |
| Operating surplus..... | 43,901.02 | 24,096.11 | 1,211.75 | 32,969.62 |
| Total surplus..... | 58,869.18 | 51,124.16 | 10,215.18 | 59,549.26 |
| Total liabilities, reserves and surplus..... | 108,425.83 | 122,801.31 | 32,870.71 | 106,050.53 |
| Percentage of net debt to total assets..... | 6.8 | 23.1 | 56.8 | 9.5 |

"A"—Continued

Hydro Municipalities as at December 31, 1936

| Galt 13,958 | George- town 2,283 | Glencoe 903 | Goderich 4,344 | Granton P.V. | Guelph 21,173 | Hagers- ville 1,374 | Hamilton 154,020 |
|--|------------------------------------|----------------------------------|---|---|--|-----------------------------------|---|
| \$ c. 201,705.30 113,516.86 239,142.77 | \$ c. 595.91 32,465.39 | \$ c. 3,220.35 20,865.81 | \$ c. 13,569.89 34,402.48 68,030.06 | \$ c. 1,533.55 1,500.40 180.78 | \$ c. 13,380.18 161,987.22 223,355.34 | \$ c. 864.37 20,595.58 | \$ c. 929,410.58 1,756,548.27 1,205,175.16 839,963.81 877,750.08 677,279.18 280,078.42 |
| 116,551.31 70,632.07 71,813.90 | 18,408.21 14,202.91 4,328.70 | 6,325.45 4,202.13 1,735.09 | 18,589.64 19,617.23 4,874.97 | 1,533.55 1,500.40 180.78 | 93,371.38 98,491.84 42,760.72 | 10,394.92 8,765.09 1,040.67 | 280,078.42 |
| 24,279.51 | 2,801.78 | 3,340.03 | 5,407.55 | 113.08 | 16,097.48 | 714.86 | 203,140.38 |
| | 2,209.80 | | 14,622.15 | | | | 30,190.00 |
| 837,641.72 | 75,012.70 | 39,688.86 | 179,113.97 | 7,669.74 | 649,444.16 | 42,375.49 | 6,799,535.68 |
| 2,966.09 43,000.00 45,329.26 17,566.02 80,420.04 407,901.76 1,855.95 | 4,036.42 7,213.69 4,008.11 | 4,161.40 2,064.53 41.24 | 16,056.77 7,000.00 4,742.18 1,034.29 | 3,538.78 2,000.00 568.75 | 6,536.44 34,009.92 22,207.83 4,278.58 | 6,655.54 12,000.00 766.40 | 157,154.12 364,487.43 148,788.46 402,826.28 3,243,420.95 4,913.79 |
| 1,436,680.84 | 165,372.57 | 60,828.88 | 302,654.71 | 20,007.08 | 1,209,744.64 | 121,691.73 | 11,121,126.71 |
| 1,436,680.84 | 165,372.57 | 60,828.88 | 302,654.71 | 20,007.08 | 1,209,744.64 | 121,691.73 | 11,121,126.71 |
| 210,466.96 20,665.62 | 8,111.05 | 5,279.54 22.00 | 42,654.05 46.92 | 1,729.75 465.07 | 5,000.00 21,971.96 | 2,258.47 87.20 | 2,469,560.20 181,249.25 |
| 1,117.72 | 769.56 | 56.89 | 2,063.36 | | 2,570.13 | 220.00 | *1,148,459.87 |
| 232,250.30 | 8,880.61 | 5,358.43 | 44,764.33 | 2,194.82 | 29,542.09 | 2,565.67 | 3,799,269.32 |
| 407,901.76 263,574.37 31,214.92 | 75,101.65 21,873.36 | 14,872.85 9,661.56 225.00 | 92,644.14 70,898.19 981.35 | 6,229.81 2,827.61 | 493,267.71 142,858.62 2,537.88 | 59,672.21 10,053.10 | 3,243,420.95 1,088,047.98 335,800.72 |
| 702,691.05 | 96,975.01 | 24,759.41 | 164,523.68 | 9,057.42 | 638,664.21 | 69,725.31 | 4,667,269.65 |
| 307,534.99 80,420.04 113,784.46 | 11,888.95 47,628.00 | 14,833.34 15,877.70 | 53,434.00 39,932.70 | 1,770.25 6,984.59 | 139,999.99 4,278.58 397,259.77 | 5,741.53 43,659.22 | 1,749,464.92 402,826.28 502,296.54 |
| 501,739.49 | 59,516.95 | 30,711.04 | 93,366.70 | 8,754.84 | 541,538.34 | 49,400.75 | 2,654,587.74 |
| 1,436,680.84 | 165,372.57 | 60,828.88 | 302,654.71 | 20,007.08 | 1,209,744.64 | 121,691.73 | 11,121,126.71 |
| 16.0 | 9.8 | 11.6 | 21.3 | 15.9 | 3.5 | 4.1 | 45.4 |

*Includes a balance of \$1,100,000.00 on purchase agreement.

STATEMENT

Balance Sheets of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Harriston | Harrow | Hensall | Hespeler | Highgate |
|--|-----------|-----------|-----------|------------|-----------|
| Population..... | 1,325 | 933 | 702 | 2,877 | 334 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 395.25 | | | 4,573.03 | |
| Substation equipment..... | 600.00 | | | 27,959.26 | |
| Distribution system—overhead..... | 22,267.49 | 17,499.01 | 12,378.67 | 30,662.60 | 6,383.76 |
| Distribution system—underground..... | | | | | |
| Line transformers..... | 7,494.84 | 10,078.81 | 4,428.42 | 21,480.00 | 2,109.25 |
| Meters..... | 7,678.76 | 6,072.30 | 3,463.70 | 12,560.28 | 1,750.29 |
| Street light equipment, regular..... | 1,268.98 | 852.85 | 612.83 | 7,285.90 | 453.91 |
| Street light equipment, ornamental..... | | | | | |
| Miscellaneous construction expense..... | 866.64 | 224.66 | 530.77 | 1,119.28 | 497.11 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | 1,001.43 | | 400.00 | | |
| Total plant..... | 41,573.39 | 34,727.63 | 21,814.39 | 105,640.35 | 11,194.32 |
| Bank and cash balance..... | 4,094.01 | 1,782.17 | 1,612.67 | 19,079.33 | 1,381.71 |
| Securities and investments..... | | | 7,000.00 | | 3,000.00 |
| Accounts receivable..... | 1,198.34 | 1,867.04 | 786.67 | 3,713.96 | 253.82 |
| Inventories..... | 94.00 | 396.14 | | 308.15 | |
| Sinking fund on local debentures..... | | | | | |
| Equity in H-E.P.C. systems..... | 25,255.76 | 16,778.70 | 11,931.42 | 81,096.90 | 7,537.80 |
| Other assets..... | | | | | |
| Total assets..... | 72,215.50 | 55,551.68 | 43,145.15 | 209,838.69 | 23,367.65 |
| Deficit..... | | | | | |
| Total..... | 72,215.50 | 55,551.68 | 43,145.15 | 209,838.69 | 23,367.65 |
| LIABILITIES | | | | | |
| Debenture balance..... | 8,084.68 | 3,700.43 | 5,652.62 | 28,938.41 | |
| Accounts payable..... | 24.22 | 193.64 | 688.05 | 291.64 | |
| Bank overdraft..... | | | | | |
| Other liabilities..... | | 419.26 | 60.25 | 5.00 | 50.00 |
| Total liabilities..... | 8,108.90 | 4,313.33 | 6,400.92 | 29,235.05 | 50.00 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 25,255.76 | 16,778.70 | 11,931.42 | 81,096.90 | 7,537.80 |
| For depreciation..... | 8,432.37 | 4,226.91 | 7,852.73 | 15,674.36 | 4,417.64 |
| Other reserves..... | | 88.21 | | 261.04 | |
| Total reserves..... | 33,688.13 | 21,093.82 | 19,784.15 | 97,032.30 | 11,955.44 |
| SURPLUS | | | | | |
| Debentures paid..... | 17,733.35 | 8,299.57 | 6,347.38 | 48,632.10 | 5,000.00 |
| Local sinking fund..... | | | | | |
| Operating surplus..... | 12,685.12 | 21,844.96 | 10,612.70 | 34,939.24 | 6,362.21 |
| Total surplus..... | 30,418.47 | 30,144.53 | 16,960.08 | 83,571.34 | 11,362.21 |
| Total liabilities, reserves and surplus..... | 72,215.50 | 55,551.68 | 43,145.15 | 209,838.69 | 23,367.65 |
| Percentage of net debt to total assets..... | 17.3 | 11.1 | 20.5 | 22.7 | 0.3 |

“A”—Continued

Hydro Municipalities as at December 31, 1936

| Humberstone 2,532 | Ingersoll 5,158 | Jarvis 495 | Kingsville 2,125 | Kitchener 31,933 | Lambeth P.V. | La Salle 687 | Leamington 5,020 |
|----------------------|--------------------|---------------|---------------------|---------------------|-----------------|-----------------|---------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| ..... | 15,064.45 | ..... | 7,774.09 | 180,500.60 | ..... | ..... | 16,964.65 |
| ..... | 33,283.83 | ..... | ..... | 223,638.03 | ..... | ..... | 7,085.62 |
| 26,149.88 | 55,595.95 | 9,702.63 | 32,275.13 | 333,984.22 | 7,090.98 | 19,656.63 | 51,643.12 |
| ..... | ..... | ..... | ..... | 43,769.80 | ..... | ..... | 11,991.15 |
| 9,181.25 | 29,278.19 | 3,151.56 | 13,644.91 | 180,956.18 | 1,883.12 | 6,716.60 | 23,427.25 |
| 8,203.75 | 25,295.75 | 2,636.08 | 13,960.88 | 191,769.17 | 2,428.57 | 4,104.92 | 23,824.68 |
| 884.80 | 4,172.22 | 876.29 | 1,439.82 | 68,067.50 | 1,052.75 | 946.49 | 1,380.13 |
| ..... | 4,597.59 | ..... | 19,200.00 | 115,682.08 | ..... | ..... | 15,178.49 |
| 3,426.82 | 10,109.33 | 671.37 | 827.97 | 20,296.08 | 300.71 | 1,510.69 | 1,827.33 |
| | | | | | | | |
| ..... | 19,098.54 | ..... | ..... | 52,363.91 | ..... | ..... | ..... |
| 47,846.50 | 196,495.85 | 17,037.93 | 89,122.80 | 1,411,027.57 | 12,756.13 | 32,935.33 | 153,322.42 |
| 7,801.46 | 4,313.45 | 1,229.02 | 9,115.27 | 14,058.73 | 599.49 | 7,563.30 | 16,912.32 |
| ..... | 11,716.57 | 4,000.00 | 8,000.00 | 15,000.00 | 2,000.00 | ..... | 23,813.81 |
| 914.81 | 3,350.82 | 229.47 | 1,699.74 | 65,693.50 | 140.20 | 1,200.09 | 3,760.73 |
| ..... | 1,471.24 | ..... | ..... | 11,315.16 | ..... | ..... | ..... |
| ..... | 79,253.20 | ..... | ..... | ..... | ..... | ..... | ..... |
| 14,378.00 | 138,385.49 | 10,877.57 | 29,224.91 | 948,070.39 | 7,189.16 | 9,923.59 | 57,514.42 |
| ..... | ..... | ..... | 2,175.00 | ..... | ..... | 517.57 | ..... |
| 70,940.77 | 434,986.62 | 33,373.99 | 139,337.72 | 2,465,165.35 | 22,684.98 | 52,139.88 | 255,323.70 |
| | | | | | | | |
| 70,940.77 | 434,986.62 | 33,373.99 | 139,337.72 | 2,465,165.35 | 22,684.98 | 52,139.88 | 255,323.70 |
| | | | | | | | |
| 15,000.00 | 79,800.00 | 4,993.26 | 26,351.57 | 141,767.04 | ..... | 9,191.54 | 25,987.11 |
| ..... | 5,292.21 | ..... | ..... | 36,942.32 | 626.24 | ..... | 5.00 |
| 1,161.44 | 5,974.97 | 40.00 | 21,391.00 | 121,080.70 | 63.00 | 513.65 | 18,055.05 |
| 16,161.44 | 91,067.18 | 5,033.26 | 47,742.57 | 299,790.06 | 689.24 | 9,705.19 | 44,047.16 |
| 14,378.00 | 138,385.49 | 10,877.57 | 29,224.91 | 948,070.39 | 7,189.16 | 9,923.59 | 57,514.42 |
| 4,381.45 | 23,544.79 | 3,339.99 | 20,207.61 | 308,269.54 | 3,695.07 | 7,630.29 | 29,011.52 |
| ..... | 768.25 | ..... | 898.24 | 28,321.14 | 45.24 | 217.90 | 708.24 |
| 18,759.45 | 162,698.53 | 14,217.56 | 50,330.76 | 1,284,661.07 | 10,929.47 | 17,771.78 | 87,234.18 |
| | | | | | | | |
| 17,000.00 | ..... | 5,506.74 | 7,148.43 | 370,382.96 | 4,000.00 | 6,308.46 | 22,012.89 |
| ..... | 79,253.20 | ..... | ..... | ..... | ..... | ..... | ..... |
| 19,019.88 | 101,967.71 | 8,616.43 | 34,115.96 | 510,331.26 | 7,066.27 | 18,354.45 | 102,029.47 |
| 36,019.88 | 181,220.91 | 14,123.17 | 41,264.39 | 880,714.22 | 11,066.27 | 24,662.91 | 124,042.36 |
| 70,940.77 | 434,986.62 | 33,373.99 | 139,337.72 | 2,465,165.35 | 22,684.98 | 52,139.88 | 255,323.70 |
| | | | | | | | |
| 28.5 | 3.4 | 22.4 | 31.4 | 13.1 | 4.4 | 22.9 | 15.8 |

STATEMENT

Balance Sheets of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Listowel | London | London Twp. | Long Branch 3,746 | Lucan 643 |
|--|--------------|--------------|----------------|-------------------------|--------------|
| Population..... | 2,798 | 75,484 | | | |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 1,459.49 | 453,519.23 | | | |
| Substation equipment..... | | 1,002,357.65 | | | |
| Distribution system—overhead..... | 41,378.00 | 794,446.11 | 18,747.68 | 52,957.72 | 10,771.99 |
| Distribution system—underground..... | 3,007.91 | 313,153.08 | | | |
| Line transformers..... | 18,975.89 | 312,394.74 | 6,303.46 | 12,361.99 | 4,131.49 |
| Meters..... | 16,543.17 | 351,996.47 | 4,610.89 | 17,574.79 | 3,326.73 |
| Street light equipment, regular..... | 2,043.87 | 69,391.50 | 929.08 | 4,466.31 | 430.15 |
| Street light equipment, ornamental..... | 1,348.66 | 92,286.12 | | | |
| Miscellaneous construction expense..... | 2,274.09 | 91,284.70 | 506.87 | 1,220.51 | 577.12 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | 4,745.30 | | 1,733.80 | | 2,860.45 |
| Total plant..... | 91,776.38 | 3,480,829.60 | 32,831.78 | 88,581.32 | 22,097.93 |
| Bank and cash balance..... | 2,410.47 | 69,566.85 | 723.13 | 1,455.65 | 4,272.84 |
| Securities and investments..... | 7,000.00 | | 2,000.00 | | 5,000.00 |
| Accounts receivable..... | 2,811.92 | 275,773.83 | 2,838.54 | 1,380.55 | 450.38 |
| Inventories..... | 51.74 | 105,857.20 | | | |
| Sinking fund on local debentures..... | | 399,408.83 | | | |
| Equity in H-E.P.C. systems..... | 56,029.22 | 1,719,351.43 | 12,954.66 | 14,102.27 | 14,191.66 |
| Other assets..... | 232.28 | 671.28 | 301.25 | | |
| Total assets..... | 160,312.01 | 6,051,459.02 | 51,649.36 | 105,519.79 | 46,012.81 |
| Deficit..... | | | | | |
| Total..... | 160,312.01 | 6,051,459.02 | 51,649.36 | 105,519.79 | 46,012.81 |
| LIABILITIES | | | | | |
| Debenture balance..... | 3,047.92 | 736,501.29 | 6,238.10 | 18,652.28 | 3,467.73 |
| Accounts payable..... | 20.42 | 83,200.64 | 29.96 | 860.95 | |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 1,580.94 | 94,593.55 | 301.25 | 2,955.65 | 200.22 |
| Total liabilities..... | 4,649.28 | 914,295.48 | 6,569.31 | 22,468.88 | 3,667.95 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 56,029.22 | 1,719,351.43 | 12,954.66 | 14,102.27 | 14,191.66 |
| For depreciation..... | 34,435.07 | 1,087,134.12 | 6,577.81 | 18,310.01 | 9,094.64 |
| Other reserves..... | | 109,661.97 | 36.87 | 233.52 | |
| Total reserves..... | 90,464.29 | 2,916,147.52 | 19,569.34 | 32,645.80 | 23,286.30 |
| SURPLUS | | | | | |
| Debentures paid..... | 40,141.97 | 845,398.71 | 12,761.90 | 21,652.32 | 7,745.89 |
| Local sinking fund..... | | 399,408.83 | | | |
| Operating surplus..... | 25,056.47 | 976,208.48 | 12,748.81 | 28,752.79 | 11,312.67 |
| Total surplus..... | 65,198.44 | 2,221,016.02 | 25,510.71 | 50,405.11 | 19,058.56 |
| Total liabilities, reserves and surplus..... | 160,312.01 | 6,051,459.02 | 51,649.36 | 105,519.79 | 46,012.81 |
| Percentage of net debt to total assets..... | 3.2 | 11.1 | 16.9 | 24.6 | 11.5 |

“A”—Continued

Hydro Municipalities as at December 31, 1936

| Lynden P.V. | Markham 1,114 | Merlin P.V. | Merriton 2,530 | Milton 1,739 | Milverton 992 | Mimico 6,915 | Mitchell 1,567 |
|-----------------|------------------|----------------|-------------------|------------------------|------------------|------------------------|------------------------|
| \$ c. 241.18 | \$ c. | \$ c. | \$ c. 3,507.52 | \$ c. 43,532.60 | \$ c. 237.20 | \$ c. 17,077.41 | \$ c. 23,058.94 |
| 4,774.11 | 16,116.61 | 8,069.22 | 34,915.01 | 16,418.16 20,422.74 | 12,204.54 | 38,461.02 76,423.52 | 19,487.83 29,105.31 |
| 2,166.63 | 8,216.84 | 3,399.23 | 8,469.65 | 14,475.73 | 7,565.80 | 33,529.60 | 8,818.29 |
| 1,765.62 | 5,678.14 | 2,104.48 | 10,917.23 | 13,888.11 | 5,297.89 | 28,772.20 | 12,101.91 |
| 354.06 | 750.76 | 555.64 | 4,676.11 | 1,304.18 | 737.16 | 7,801.61 | 3,723.88 |
| 193.57 | 1,565.03 | 455.36 | 2,857.72 | 4,383.61 | 594.91 | 5,470.20 | 640.75 |
| | | 241.85 | | 3,092.54 | | | 1,500.00 |
| 9,495.17 | 32,327.38 | 14,825.78 | 108,875.84 | 73,985.07 | 26,637.50 | 207,535.56 | 98,436.91 |
| 1,629.41 | 7,187.56 | 3,167.66 | 7,291.71 | 8,899.17 | 1,281.33 | 13,299.54 | 5,371.87 |
| 466.19 | 2,000.00 | 6,000.00 | 4,927.60 | 4,000.00 | 2,000.00 | | 1,000.00 |
| | 877.37 | 603.34 | | 5,772.31 | 647.08 | 6,853.89 | 8,553.99 |
| | | | | 4,225.83 | | | 3,823.21 |
| 10,511.09 | 13,121.86 | 9,233.95 | 87,114.56 | 77,740.85 | 33,917.24 | 102,841.73 | 33,031.51 |
| 22,101.86 | 55,514.17 | 33,830.73 | 208,209.71 | 174,623.23 | 64,483.15 | 330,530.72 | 150,217.49 |
| 22,101.86 | 55,514.17 | 33,830.73 | 208,209.71 | 174,623.23 | 64,483.15 | 330,530.72 | 150,217.49 |
| 2,150.50 | | 5,481.13 | 15,038.26 | 5,972.18 | | 65,572.52 | |
| | 918.52 | 1,251.09 | | 103.14 | 719.99 | | 630.26 |
| | 185.00 | 75.00 | | 251.35 | | 5,647.81 | 134.00 |
| 2,150.50 | 1,103.52 | 6,807.22 | 15,038.26 | 6,326.67 | 719.99 | 71,220.33 | 764.26 |
| 10,511.09 | 13,121.86 | 9,233.95 | 87,114.56 | 77,740.85 | 33,917.24 | 102,841.73 | 33,031.51 |
| 3,162.69 | 6,015.25 | 3,291.25 | 11,883.01 | 18,274.45 | 6,115.78 | 50,367.19 | 41,102.86 |
| | 55.00 | 23.40 | | 1,386.93 | | 3,071.73 | 837.25 |
| 13,673.78 | 19,192.11 | 12,548.60 | 98,997.57 | 97,402.23 | 40,033.02 | 156,280.65 | 74,971.62 |
| 2,344.50 | 11,373.63 | 7,883.08 | 17,147.95 | 27,074.23 | 9,500.00 | 61,427.48 | 22,295.22 |
| 3,933.08 | 23,844.91 | 6,591.83 | 77,025.93 | 43,820.10 | 14,230.14 | 41,602.26 | 52,186.39 |
| 6,277.58 | 35,218.54 | 14,474.91 | 94,173.88 | 70,894.33 | 23,730.14 | 103,029.74 | 74,481.61 |
| 22,101.86 | 55,514.17 | 33,830.73 | 208,209.71 | 174,623.23 | 64,483.15 | 330,530.72 | 150,217.49 |
| 18.6 | 2.6 | 27.7 | 12.4 | 6.5 | 2.3 | 31.3 | 0.7 |

STATEMENT

Balance Sheets of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Moore- field P.V. | Mount Brydges P.V. | Newbury 282 | New Hamburg 1,456 | New Toronto 8,040 |
|--|-------------------------|--------------------------|----------------|-------------------------|-------------------------|
| Population..... | | | | | |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | | | | 2,513.19 | 43,897.67 |
| Substation equipment..... | | | | 1,217.05 | |
| Distribution system—overhead..... | 2,980.96 | 6,699.54 | 6,489.00 | 23,783.27 | 81,386.63 |
| Distribution system—underground..... | | | | | 8,605.69 |
| Line transformers..... | 1,012.17 | 1,975.47 | 1,797.86 | 6,836.44 | 32,957.99 |
| Meters..... | 1,221.66 | 2,577.66 | 1,295.15 | 9,048.27 | 33,031.57 |
| Street light equipment—regular..... | 295.88 | 710.02 | 866.47 | 2,115.04 | 10,598.12 |
| Street light equipment, ornamental..... | | | | | |
| Miscellaneous construction expense..... | 348.35 | 240.44 | 502.54 | 752.44 | 7,018.77 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | | 348.22 | 5,242.56 | |
| Total plant..... | 5,859.02 | 12,203.13 | 11,299.24 | 51,508.26 | 217,496.44 |
| Bank and cash balance..... | 2,239.69 | 3,597.24 | 1,238.90 | 2,560.79 | 3,590.93 |
| Securities and investments..... | | 3,000.00 | | 4,000.00 | |
| Accounts receivable..... | 322.00 | 938.03 | 938.85 | 1,932.84 | 16,395.10 |
| Inventories..... | | | | 614.91 | |
| Sinking fund on local debentures..... | | | | | |
| Equity in H-E.P.C. systems..... | 4,739.91 | 5,500.28 | 3,412.89 | 37,347.12 | 318,026.70 |
| Other assets..... | | 330.48 | | | |
| Total assets..... | 13,160.62 | 25,569.16 | 16,889.88 | 97,963.92 | 555,509.17 |
| Deficit..... | | | | | |
| Total..... | 13,160.62 | 25,569.16 | 16,889.88 | 97,963.92 | 555,509.17 |
| LIABILITIES | | | | | |
| Debenture balance..... | 363.50 | 1,839.34 | 2,900.00 | 4,152.12 | 3,011.30 |
| Accounts payable..... | 0.75 | 192.07 | 10.00 | | 4,190.50 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | | 330.48 | 40.00 | 221.50 | 6,028.18 |
| Total liabilities..... | 364.25 | 2,361.89 | 2,950.00 | 4,373.62 | 13,229.98 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 4,739.91 | 5,500.28 | 3,412.89 | 37,347.12 | 318,026.70 |
| For depreciation..... | 2,608.06 | 3,091.30 | 3,136.68 | 13,398.29 | 47,119.10 |
| Other reserves..... | | 100.00 | | 41.74 | 1,327.73 |
| Total reserves..... | 7,347.97 | 8,691.58 | 6,549.57 | 50,787.15 | 366,473.53 |
| SURPLUS | | | | | |
| Debentures paid..... | 4,136.50 | 2,380.66 | 6,854.39 | 13,576.96 | 4,988.70 |
| Local sinking fund..... | | | | | |
| Operating surplus..... | 1,311.90 | 12,135.03 | 535.92 | 29,226.19 | 170,816.96 |
| Total surplus..... | 5,448.40 | 14,515.69 | 7,390.31 | 42,803.15 | 175,805.66 |
| Total liabilities, reserves and surplus..... | 13,160.62 | 25,569.16 | 16,889.88 | 97,963.92 | 555,509.17 |
| Percentage of net debt to total assets..... | 4.3 | 11.8 | 21.9 | 7.2 | 5.6 |

“A”—Continued

Hydro Municipalities as at December 31, 1936

| Niagara Falls 18,527 | Niagara-on-the-Lake 1,815 | North York Twp. | Norwich 1,163 | Oil Springs 472 | Otterville P.V. | Palmerston 1,410 | Paris 4,324 |
|-------------------------|------------------------------|-----------------|------------------|--------------------|--------------------|---------------------|----------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 132,324.59 | 2,307.35 | 28,302.20 | 4,638.76 | 1,524.68 | | | 8,487.50 |
| 228,586.00 | 16,048.36 | | | | | 691.88 | 28,126.55 |
| 191,650.78 | 30,229.51 | 357,064.18 | 11,113.94 | 13,145.14 | 7,330.81 | 30,190.55 | 54,848.19 |
| 163,325.44 | 8,283.72 | 90,627.85 | 6,455.06 | 5,234.39 | 3,510.10 | 9,895.32 | 21,044.97 |
| 108,081.38 | 8,455.29 | 49,581.65 | 6,987.91 | 3,421.28 | 2,511.19 | 7,553.37 | 20,059.49 |
| 118,808.55 | 1,262.39 | 200.68 | 4,685.64 | 308.24 | 1,516.31 | 6,547.51 | 14,059.22 |
| | | 13,491.21 | | | | | |
| 9,432.95 | 1,604.87 | 17,717.59 | 1,334.50 | 2,244.09 | 142.00 | 978.68 | 1,240.08 |
| 19,796.01 | | | 3,509.82 | | | 4,018.71 | |
| 972,005.70 | 68,191.49 | 556,985.36 | 38,725.63 | 25,877.82 | 15,010.41 | 59,876.02 | 147,866.00 |
| 60,319.58 | 3,053.28 | 2,738.89 | 6,309.75 | 4,332.37 | 3,045.02 | | 4,188.60 |
| | | | 1,000.00 | 2,002.70 | | | 28,500.00 |
| 10,702.95 | 5,497.91 | 8,491.57 | 3,101.79 | 870.68 | 1,746.73 | 1,473.96 | 658.02 |
| 16,104.73 | 2,030.73 | | 2,217.52 | 78.30 | | 3,447.15 | |
| 429,074.29 | 22,585.52 | 85,933.33 | 27,730.47 | 18,964.77 | 6,299.79 | 31,911.91 | 84,488.15 |
| 27,032.12 | | 7,279.61 | 22.50 | 28.71 | | | |
| 1,515,239.37 | 101,358.93 | 661,428.76 | 79,107.66 | 52,155.35 | 26,101.95 | 96,709.04 | 265,700.77 |
| 1,515,239.37 | 101,358.93 | 661,428.76 | 79,107.66 | 52,155.35 | 26,101.95 | 96,709.04 | 265,700.77 |
| 269,463.54 | 18,178.29 | 318,688.38 | 4,153.64 | | | 2,196.79 | 7,133.20 |
| 21,113.05 | | 19,279.21 | 31.60 | 871.84 | 100.35 | 2,718.36 | |
| | | | | | | 4,422.57 | |
| 17,829.97 | 125.00 | 20,770.82 | 232.50 | 28.71 | 36.25 | 327.50 | |
| 308,406.56 | 18,303.29 | 358,738.41 | 4,417.74 | 900.55 | 136.60 | 9,665.22 | 7,133.20 |
| 429,074.29 | 22,585.52 | 85,933.33 | 27,730.47 | 18,964.77 | 6,299.79 | 31,911.91 | 84,488.15 |
| 193,387.59 | 12,814.94 | 80,708.33 | 6,736.91 | 7,924.74 | 4,809.53 | 6,091.43 | 71,223.39 |
| 13,753.53 | 1,113.80 | | 856.19 | 175.00 | | 458.05 | 175.00 |
| 636,215.41 | 36,514.26 | 166,641.66 | 35,323.57 | 27,064.51 | 11,109.32 | 38,461.39 | 155,886.54 |
| 420,779.46 | 18,323.13 | 124,333.49 | 9,602.36 | 16,721.31 | 4,500.00 | 24,803.21 | 84,866.80 |
| 149,837.94 | 28,218.25 | 11,715.20 | 29,763.99 | 7,468.98 | 10,356.03 | 23,779.22 | 17,814.23 |
| 570,617.40 | 46,541.38 | 136,048.69 | 39,366.35 | 24,190.29 | 14,856.03 | 48,582.43 | 102,681.03 |
| 1,515,239.37 | 101,358.93 | 661,428.76 | 79,107.66 | 52,155.35 | 26,101.95 | 96,709.04 | 265,700.77 |
| 28.4 | 23.2 | 61.4 | 8.6 | 2.7 | 0.7 | 14.9 | 3.9 |

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Parkhill | Petrolia | Plattsville | Point Edward | Port Colborne |
|--|-----------|------------|-------------|--------------|---------------|
| Population..... | 979 | 2,705 | P.V. | 1,290 | 5,844 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | | 900.00 | | | 22,561.01 |
| Substation equipment..... | | 5,939.98 | | | |
| Distribution system—overhead..... | 16,039.71 | 44,482.39 | 4,257.56 | 21,390.58 | 90,306.00 |
| Distribution system—underground..... | | | | | |
| Line transformers..... | 4,359.83 | 27,518.66 | 1,890.66 | 6,746.18 | 26,293.31 |
| Meters..... | 4,153.82 | 15,094.71 | 1,929.33 | 5,117.40 | 22,991.89 |
| Street light equipment, regular..... | 995.06 | 6,219.32 | 147.15 | 3,091.41 | 4,549.26 |
| Street light equipment, ornamental..... | | | | | 16,611.59 |
| Miscellaneous construction expense..... | 1,314.75 | 5,935.96 | 535.92 | 503.14 | 6,495.64 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | 3,389.94 | | | 9,929.60 |
| Total plant..... | 26,863.17 | 109,480.96 | 8,760.62 | 36,848.71 | 199,738.30 |
| Bank and cash balance..... | 1,212.87 | 6,784.31 | 1,403.02 | | 15.00 |
| Securities and investments..... | 1,500.00 | 8,400.00 | 2,000.00 | 13,000.00 | 1,500.00 |
| Accounts receivable..... | 1,000.47 | 7,189.12 | 302.37 | 4,567.12 | 19,617.43 |
| Inventories..... | | 828.96 | | | 4,901.47 |
| Sinking fund on local debentures..... | | | | | |
| Equity in H-E.P.C. systems..... | 13,774.42 | 76,102.81 | 6,683.88 | 38,973.15 | 68,062.63 |
| Other assets..... | | | | 245.43 | 20.00 |
| Total assets..... | 44,350.93 | 208,786.16 | 19,149.89 | 93,634.41 | 293,854.83 |
| Deficit..... | | | | | |
| Total..... | 44,350.93 | 208,786.16 | 19,149.89 | 93,634.41 | 293,854.83 |
| LIABILITIES | | | | | |
| Debenture balance..... | 3,047.20 | 16,742.18 | 2,202.10 | 5,414.17 | 70,897.34 |
| Accounts payable..... | | | | 107.58 | 688.56 |
| Bank overdraft..... | | | | 1,462.10 | 855.63 |
| Other liabilities..... | 108.00 | 832.50 | | 245.43 | 20,371.17 |
| Total liabilities..... | 3,155.20 | 17,574.68 | 2,202.10 | 7,229.28 | 92,812.70 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 13,774.42 | 76,102.81 | 6,683.88 | 38,973.15 | 68,062.63 |
| For depreciation..... | 7,096.22 | 32,634.53 | 3,442.88 | 11,617.95 | 40,366.71 |
| Other reserves..... | | 749.45 | | 201.53 | 2,669.96 |
| Total reserves..... | 20,870.64 | 109,486.79 | 10,126.76 | 50,792.63 | 111,099.30 |
| SURPLUS | | | | | |
| Debentures paid..... | 11,582.82 | 33,257.82 | 3,034.90 | 11,585.83 | 75,102.66 |
| Local sinking fund..... | | | | | |
| Operating surplus..... | 8,742.27 | 48,466.87 | 3,786.13 | 24,026.67 | 14,840.17 |
| Total surplus..... | 20,325.09 | 81,724.69 | 6,821.03 | 35,612.50 | 89,942.83 |
| Total liabilities, reserves and surplus..... | 44,350.93 | 208,786.16 | 19,149.89 | 93,634.41 | 293,854.83 |
| Percentage of net debt to total assets..... | 10.3 | 13.2 | 17.7 | 13.2 | 36.4 |

“A”—Continued

Hydro Municipalities as at December 31, 1936

| Port Credit 1,750 | Port Dalhousie 1,408 | Port Dover 1,606 | Port Rowan 666 | Port Stanley 769 | Preston 6,287 | Princeton P.V. | Queenston P.V. |
|-------------------------|----------------------------|------------------------|----------------------|------------------------|--------------------------|-------------------|-------------------|
| \$ c. 675. 00 | \$ c. | \$ c. 248. 75 | \$ c. | \$ c. 1,574. 60 | \$ c. | \$ c. | \$ c. |
| 25,052. 49 | 18,895. 74 | 32,102. 59 | 9,240. 51 | 21,947. 05 | 50,727. 43 90,896. 67 | 4,309. 69 | 8,059. 40 |
| 10,323. 08 | 10,195. 74 | 11,207. 33 | 1,435. 32 | 12,670. 02 | 47,966. 88 | 2,473. 48 | 2,780. 96 |
| 9,905. 74 | 9,653. 82 | 8,065. 75 | 1,986. 06 | 10,374. 24 | 39,109. 12 | 1,255. 29 | 1,568. 03 |
| 4,922. 71 | 1,041. 19 | 2,673. 13 | 890. 49 | 1,985. 76 | 5,442. 53 | 199. 05 | 422. 43 |
| 831. 49 | 2,392. 88 | 2,765. 44 | 695. 53 | 6,260. 88 | 8,669. 04 | 64. 35 | 2,188. 41 |
| | 6,018. 38 | | | 577. 51 | 32,126. 75 | | |
| 51,710. 51 | 48,197. 75 | 57,062. 99 | 14,247. 91 | 55,390. 06 | 274,938. 42 | 8,301. 86 | 15,019. 23 |
| 2,907. 36 | 3,365. 72 | 5,692. 48 | 1,483. 57 | 8,115. 09 | 47,992. 44 | 4,832. 21 | 430. 10 |
| 3,989. 50 | 3,000. 00 | | | 3,000. 00 | | | |
| | 3,483. 46 | 2,255. 64 | 550. 62 | 1,437. 84 | 12,259. 49 | 829. 40 | 251. 77 |
| | | | 48. 03 | | 309. 32 | | |
| | 3,609. 10 | | | | | | |
| 28,090. 41 | 24,283. 88 | 17,969. 37 | 4,819. 32 | 29,453. 33 | 197,142. 10 | 6,524. 03 | 4,995. 30 |
| | | 20. 00 | | | | | |
| 86,697. 78 | 85,939. 91 | 83,000. 48 | 21,149. 45 | 97,396. 32 | 532,641. 77 | 20,487. 50 | 20,696. 40 |
| 86,697. 78 | 85,939. 91 | 83,000. 48 | 21,149. 45 | 97,396. 32 | 532,641. 77 | 20,487. 50 | 20,696. 40 |
| 6,378. 79 | 7,143. 62 | 6,626. 26 | 7,563. 76 | 4,687. 27 | 37,554. 53 | 1,492. 65 | 4,069. 02 |
| 503. 34 | | 3,090. 26 | 50. 00 | | 6,180. 93 | | |
| 495. 00 | 113. 00 | 623. 00 | 50. 00 | 80. 01 | 1,183. 79 | | 1. 50 |
| 7,377. 13 | 7,256. 62 | 10,339. 52 | 7,663. 76 | 4,767. 28 | 44,919. 25 | 1,492. 65 | 4,070. 52 |
| 28,090. 41 | 24,283. 88 | 17,969. 37 | 4,819. 32 | 29,453. 33 | 197,142. 10 | 6,524. 03 | 4,995. 30 |
| 16,229. 53 | 6,753. 83 | 9,925. 03 | 2,585. 97 | 12,188. 57 | 113,427. 25 | 2,759. 44 | 3,483. 75 |
| 650. 00 | 926. 31 | | | 79. 95 | 460. 08 | | |
| 44,969. 94 | 31,964. 02 | 27,894. 40 | 7,405. 29 | 41,721. 85 | 311,029. 43 | 9,283. 47 | 8,479. 05 |
| 8,121. 21 | 15,356. 38 | 22,373. 74 | 3,436. 24 | 14,262. 73 | 115,245. 47 | 2,057. 35 | 5,430. 98 |
| | 3,609. 10 | | | | | | |
| 26,229. 50 | 27,753. 79 | 22,392. 82 | 2,644. 16 | 36,644. 46 | 61,447. 62 | 7,654. 03 | 2,715. 85 |
| 34,350. 71 | 46,719. 27 | 44,766. 56 | 6,080. 40 | 50,907. 19 | 176,693. 09 | 9,711. 38 | 8,146. 83 |
| 86,697. 78 | 85,939. 91 | 83,000. 48 | 21,149. 45 | 97,396. 32 | 532,641. 77 | 20,487. 50 | 20,696. 40 |
| 12. 6 | 6. 2 | 15. 8 | 46. 9 | 7. 0 | 13. 4 | 10. 7 | 26. 0 |

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Richmond Hill | Ridgetown | Riverside | Rockwood | Rodney |
|--|------------------|--------------|--------------|--------------|--------------|
| Population..... | 1,234 | 1,985 | 4,820 | P.V. | 713 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | | | 2,528.73 | 79.00 | |
| Substation equipment..... | 600.00 | 1,024.24 | | | |
| Distribution system—overhead..... | 10,715.78 | 22,224.08 | 91,840.85 | 7,725.79 | 10,908.25 |
| Distribution system—underground..... | | | | | |
| Line transformers..... | 9,040.60 | 9,910.62 | 31,965.50 | 2,662.83 | 2,890.98 |
| Meters..... | 5,418.26 | 9,635.96 | 22,971.37 | 2,931.34 | 3,566.05 |
| Street light equipment, regular..... | 1,334.77 | 3,695.51 | | 689.83 | 688.07 |
| Street light equipment, ornamental..... | | 1,431.73 | 17,030.71 | | |
| Miscellaneous construction expense..... | 28.00 | 2,327.71 | 6,379.08 | 441.75 | 734.22 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | 5,088.46 | | | 700.00 |
| Total plant..... | 27,137.41 | 55,338.31 | 172,716.24 | 14,530.54 | 19,487.57 |
| Bank and cash balance..... | 2,985.37 | 2,962.23 | 12,381.92 | 1,345.86 | 4,016.53 |
| Securities and investments..... | | 11,000.00 | | | |
| Accounts receivable..... | 1,426.46 | 1,066.72 | 17,264.26 | 32.60 | 219.14 |
| Inventories..... | 354.28 | 662.10 | 114.83 | 93.27 | |
| Sinking fund on local debentures..... | | | | | |
| Equity in H-E.P.C. systems..... | 12,805.52 | 30,911.58 | 59,815.40 | 8,380.66 | 9,549.84 |
| Other assets..... | 310.55 | | 510.25 | | |
| Total assets..... | 45,019.59 | 101,940.94 | 262,802.90 | 24,382.93 | 33,273.08 |
| Deficit..... | | | | | |
| Total..... | 45,019.59 | 101,940.94 | 262,802.90 | 24,382.93 | 33,273.08 |
| LIABILITIES | | | | | |
| Debenture balance..... | 2,581.53 | 5,188.77 | 41,197.77 | 2,082.22 | |
| Accounts payable..... | 121.46 | 556.02 | 24,107.45 | 20.94 | 14.00 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 310.55 | 1,951.73 | 19,976.88 | 81.00 | 205.00 |
| Total liabilities..... | 3,013.54 | 7,696.52 | 85,282.10 | 2,184.16 | 219.00 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 12,805.52 | 30,911.58 | 59,815.40 | 8,380.66 | 9,549.84 |
| For depreciation..... | 2,287.29 | 14,434.28 | 33,938.55 | 5,209.25 | 2,689.22 |
| Other reserves..... | | 275.00 | 4,619.13 | | |
| Total reserves..... | 15,092.81 | 45,620.86 | 98,373.08 | 13,589.91 | 12,239.06 |
| SURPLUS | | | | | |
| Debentures paid..... | 9,618.47 | 14,267.22 | 41,302.23 | 2,417.78 | 8,500.00 |
| Local sinking fund..... | | | | | |
| Operating surplus..... | 17,294.77 | 34,356.34 | 37,845.49 | 6,191.08 | 12,315.02 |
| Total surplus..... | 26,913.24 | 48,623.56 | 79,147.72 | 8,608.86 | 20,815.02 |
| Total liabilities, reserves and surplus..... | 45,019.59 | 101,940.94 | 262,802.90 | 24,382.93 | 33,273.08 |
| Percentage of net debt to total assets..... | 9.4 | 9.0 | 36.7 | 13.7 | 0.9 |

“A”—Continued

Hydro Municipalities as at December 31, 1936

| St. Catharines 26,571 | St. Clair Beach 148 | St. George P.V. | St. Jacobs P.V. | St. Marys 4,032 | St. Thomas 16,156 | Sarnia 18,064 |
|--------------------------|---------------------------|--------------------|--------------------|--------------------|----------------------|------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 52,484.81 | | | | 3,000.00 | 77,651.96 | 112,246.86 |
| 112,047.42 | | | | 26,975.49 | 110,146.39 | 199,922.48 |
| 214,144.70 | 8,087.48 | 5,894.75 | 6,666.27 | 58,128.02 | 115,272.85 | 218,820.44 |
| | | | | | 52,815.87 | |
| 146,383.85 | 2,726.36 | 2,729.42 | 2,539.38 | 20,392.77 | 54,777.18 | 87,421.73 |
| 92,727.17 | 1,464.70 | 2,920.31 | 2,994.96 | 22,670.06 | 71,817.03 | 75,029.83 |
| 18,880.32 | | 286.41 | 368.97 | 5,831.19 | 21,372.57 | 25,327.26 |
| 29,486.71 | | | | | 3,693.04 | 8,271.83 |
| 27,460.45 | 212.72 | 374.18 | 618.51 | 3,815.21 | 6,862.19 | 22,018.09 |
| | | | | | | |
| 17,507.89 | | | | 20,696.85 | | 55,445.72 |
| | | | | | | |
| 711,123.32 | 12,491.26 | 12,205.07 | 13,188.09 | 161,509.59 | 514,409.08 | 804,504.24 |
| | | | | | | |
| 28,406.90 | 1,034.10 | 1,280.13 | | 10,350.44 | 19,322.21 | 45,689.45 |
| 20,000.00 | | | 3,000.00 | | 43,206.81 | 30,000.00 |
| 36,667.85 | 976.49 | 605.32 | 694.93 | 5,323.15 | 23,277.09 | 36,957.28 |
| 10,240.76 | | | | 2,207.46 | 8,435.05 | 18,165.01 |
| 75,985.41 | | | | 1,667.15 | | |
| 402,351.39 | 4,846.53 | 10,370.12 | 11,055.34 | 100,471.79 | 356,802.09 | 449,052.97 |
| 194.89 | | | | 119.30 | | 4,838.50 |
| | | | | | | |
| 1,284,970.52 | 19,348.38 | 24,460.64 | 27,938.36 | 281,648.88 | 965,452.33 | 1,389,207.45 |
| | | | | | | |
| 1,284,970.52 | 19,348.38 | 24,460.64 | 27,938.36 | 281,648.88 | 965,452.33 | 1,389,207.45 |
| | | | | | | |
| | | | | | | |
| 168,732.92 | 2,515.71 | 2,622.05 | 475.39 | 33,891.50 | 1,762.44 | 71,160.28 |
| 21,589.54 | 33.00 | 4.44 | 184.79 | | | |
| | | | 112.84 | | | |
| 29,761.21 | 117.43 | 130.00 | | 147.50 | 14,097.78 | 13,110.33 |
| | | | | | | |
| 220,083.67 | 2,666.14 | 2,756.49 | 773.02 | 34,039.00 | 15,860.22 | 84,270.61 |
| | | | | | | |
| | | | | | | |
| 402,351.39 | 4,846.53 | 10,370.12 | 11,055.34 | 100,471.79 | 356,802.09 | 449,052.97 |
| 166,982.26 | 3,289.93 | 2,751.61 | 3,811.50 | 56,249.24 | 132,500.48 | 163,325.67 |
| 9,542.10 | 262.67 | | | 601.82 | 636.03 | 2,052.02 |
| | | | | | | |
| 578,875.75 | 8,399.13 | 13,121.73 | 14,866.84 | 157,322.85 | 489,938.60 | 614,430.66 |
| | | | | | | |
| | | | | | | |
| 133,289.99 | 3,825.74 | 3,377.95 | 5,524.61 | 80,355.52 | 137,181.63 | 266,839.72 |
| 75,985.41 | | | | 1,667.15 | | |
| 276,735.70 | 4,457.37 | 5,204.47 | 6,773.89 | 8,264.36 | 322,471.88 | 423,666.46 |
| | | | | | | |
| 486,011.10 | 8,283.11 | 8,582.42 | 12,298.50 | 90,287.03 | 459,653.51 | 690,506.18 |
| | | | | | | |
| 1,284,970.52 | 19,348.38 | 24,460.64 | 27,938.36 | 281,648.88 | 965,452.33 | 1,389,207.45 |
| | | | | | | |
| 14.9 | 18.5 | 19.6 | 4.6 | 18.0 | 2.0 | 8.2 |

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Scarboro Twp. | Seaforth | Simcoe | Spring- field 386 | Stamford Twp. |
|--|------------------|------------|------------|-------------------------|------------------|
| Population..... | | 1,717 | 5,503 | | |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 17,273.95 | 1,830.92 | 9,757.66 | | 7,196.71 |
| Substation equipment..... | 301.95 | 5,999.16 | 30,768.82 | | 37,384.60 |
| Distribution system—overhead..... | 283,046.79 | 28,265.51 | 51,002.79 | 7,997.40 | 131,711.95 |
| Distribution system—underground..... | | | 1,412.24 | | |
| Line transformers..... | 63,368.92 | 11,015.60 | 27,012.08 | 2,374.19 | 45,987.83 |
| Meters..... | 67,158.48 | 10,221.54 | 26,805.39 | 2,104.35 | 32,577.87 |
| Street light equipment, regular..... | 19,888.85 | 1,414.55 | 5,824.25 | 558.91 | 9,738.05 |
| Street light equipment, ornamental..... | | | 3,500.00 | | |
| Miscellaneous construction expense..... | 1,281.43 | 453.33 | 5,352.59 | 685.08 | 8,834.87 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | | 927.92 | | 13,743.66 |
| Total plant..... | 452,320.37 | 59,200.61 | 162,363.74 | 13,719.93 | 287,175.54 |
| Bank and cash balance..... | 124,654.50 | 7,738.57 | 20,809.81 | 1,843.28 | 2,916.33 |
| Securities and investments..... | 2,680.00 | 100.00 | | 4,500.00 | |
| Accounts receivable..... | 16,895.09 | 4,216.67 | 5,451.39 | 754.72 | 21,650.80 |
| Inventories..... | | 1,556.01 | 3,710.57 | | 6,813.60 |
| Sinking fund on local debentures..... | | | | | |
| Equity in H-E.P.C. systems..... | 125,623.14 | 47,321.34 | 71,476.90 | 7,021.75 | 68,210.78 |
| Other assets..... | | | | | 5,357.28 |
| Total assets..... | 722,173.10 | 120,133.20 | 263,812.41 | 27,839.68 | 392,124.33 |
| Deficit..... | | | | | |
| Total..... | 722,173.10 | 120,133.20 | 263,812.41 | 27,839.68 | 392,124.33 |
| LIABILITIES | | | | | |
| Debenture balance..... | 148,367.51 | | 45,129.77 | 3,047.20 | 135,834.65 |
| Accounts payable..... | 91,773.24 | | 308.47 | 30.59 | 18,865.90 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 29,587.77 | 103.00 | 3,710.00 | 57.00 | 4,702.52 |
| Total liabilities..... | 269,728.52 | 103.00 | 49,148.24 | 3,134.79 | 159,403.07 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 125,623.14 | 47,321.34 | 71,476.90 | 7,021.75 | 68,210.78 |
| For depreciation..... | 90,712.73 | 21,944.28 | 19,567.60 | 3,363.25 | 39,359.65 |
| Other reserves..... | 837.86 | 927.43 | | | 2,914.79 |
| Total reserves..... | 217,173.73 | 70,193.05 | 91,044.50 | 10,385.00 | 110,485.22 |
| SURPLUS | | | | | |
| Debentures paid..... | 142,200.76 | 25,000.00 | 30,305.13 | 6,452.80 | 104,443.52 |
| Local sinking fund..... | | | | | |
| Operating surplus..... | 93,070.09 | 24,837.15 | 93,314.54 | 7,867.09 | 17,792.52 |
| Total surplus..... | 235,270.85 | 49,837.15 | 123,619.67 | 14,319.89 | 122,236.04 |
| Total liabilities, reserves and surplus..... | 722,173.10 | 120,133.20 | 263,812.41 | 27,839.68 | 392,124.33 |
| Percentage of net debt to total assets..... | 45.2 | 0.1 | 24.1 | 15.0 | 49.2 |

“A”—Continued

Hydro Municipalities as at December 31, 1936

| Stouffville | Stratford | Strathroy | Streetsville | Sutton | Tavistock | Tecumseh | Thames- ford P.V. |
|-------------|--------------|------------|--------------|-----------|-----------|-----------|-------------------------|
| 1,149 | 17,643 | 2,886 | 676 | 804 | 1,029 | 2,472 | |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| ..... | 138,889.22 | 8,856.05 | 2,038.47 | ..... | 262.29 | 1,018.51 | ..... |
| ..... | 120,984.65 | 23,219.34 | 1,172.04 | ..... | ..... | ..... | ..... |
| 12,725.61 | 154,738.42 | 50,502.60 | 8,438.71 | 20,462.92 | 13,375.07 | 35,029.49 | 7,757.33 |
| | | | | | | | |
| 4,175.67 | 94,226.20 | 21,684.26 | 4,922.49 | 7,278.75 | 6,251.28 | 11,316.12 | 2,625.63 |
| 4,687.91 | 84,808.53 | 15,899.51 | 2,650.85 | 5,911.53 | 5,075.72 | 10,627.71 | 2,748.94 |
| 1,604.52 | 22,989.11 | 5,814.75 | 1,049.40 | 1,802.61 | 1,034.99 | ..... | 290.65 |
| ..... | ..... | ..... | ..... | ..... | ..... | 4,760.95 | ..... |
| 596.53 | 18,001.07 | 2,230.57 | 680.53 | 1,807.82 | 548.03 | 1,938.18 | 331.55 |
| ..... | ..... | ..... | 10,641.55 | ..... | ..... | ..... | ..... |
| ..... | 31,520.00 | 12,343.15 | ..... | 675.00 | ..... | ..... | ..... |
| | | | | | | | |
| 23,790.24 | 666,157.20 | 140,550.23 | 31,594.04 | 37,938.63 | 26,547.38 | 64,690.96 | 13,754.10 |
| | | | | | | | |
| 2,285.05 | 30,117.95 | 4,694.19 | 3,432.55 | 2,197.74 | 4,240.12 | 6,951.87 | 1,311.78 |
| 8,000.00 | 70,000.00 | 16,787.29 | ..... | ..... | 2,584.78 | ..... | 8,500.00 |
| 889.54 | 29,815.87 | 6,279.87 | 768.46 | 1,932.74 | 1,810.11 | 4,203.35 | 710.75 |
| 30.00 | 8,311.71 | 2,983.67 | ..... | ..... | ..... | ..... | ..... |
| ..... | 215,081.70 | ..... | ..... | ..... | ..... | ..... | ..... |
| 11,325.92 | 448,585.52 | 63,740.46 | 730.34 | 10,816.32 | 32,744.53 | 18,412.38 | 12,533.87 |
| 65.00 | 4,365.66 | ..... | ..... | ..... | ..... | ..... | ..... |
| | | | | | | | |
| 46,385.75 | 1,472,435.61 | 235,035.71 | 36,525.39 | 52,885.43 | 67,926.92 | 94,258.56 | 36,810.50 |
| | | | | | | | |
| 46,385.75 | 1,472,435.61 | 235,035.71 | 36,525.39 | 52,885.43 | 67,926.92 | 94,258.56 | 36,810.50 |
| | | | | | | | |
| 2,775.93 | 340,000.00 | 29,618.43 | 14,039.36 | 11,790.85 | 3,013.91 | 10,292.46 | 1,165.28 |
| 157.78 | 458.16 | 333.24 | ..... | 1,772.62 | ..... | 10,548.24 | ..... |
| | | | | | | | |
| 65.00 | 4,365.66 | 595.59 | 136.37 | ..... | ..... | 5,929.49 | 48.00 |
| | | | | | | | |
| 2,998.71 | 344,823.82 | 30,547.26 | 14,175.73 | 13,563.47 | 3,013.91 | 26,770.19 | 1,213.28 |
| | | | | | | | |
| 11,325.92 | 448,585.52 | 63,740.46 | 730.34 | 10,816.32 | 32,744.53 | 18,412.38 | 12,533.87 |
| 3,346.16 | 265,528.72 | 31,079.49 | 2,489.04 | 6,971.11 | 9,866.41 | 13,189.01 | 5,821.63 |
| ..... | 4,815.27 | 281.72 | 22.34 | ..... | ..... | 1,557.86 | ..... |
| | | | | | | | |
| 14,672.08 | 718,929.51 | 95,101.67 | 3,241.72 | 17,787.43 | 42,610.94 | 33,159.25 | 18,355.50 |
| | | | | | | | |
| 11,897.97 | 115,800.00 | 36,613.57 | 3,505.72 | 14,209.15 | 2,986.09 | 15,707.54 | 4,192.75 |
| ..... | 215,081.70 | ..... | ..... | ..... | ..... | ..... | ..... |
| 16,816.99 | 77,800.58 | 72,773.21 | 15,602.22 | 7,325.38 | 19,315.98 | 18,621.58 | 13,048.97 |
| | | | | | | | |
| 28,714.96 | 408,682.28 | 109,386.78 | 19,107.94 | 21,534.53 | 22,302.07 | 34,329.12 | 17,241.72 |
| | | | | | | | |
| 46,385.75 | 1,472,435.61 | 235,035.71 | 36,525.39 | 52,885.43 | 67,926.92 | 94,258.56 | 36,810.50 |
| | | | | | | | |
| 8.6 | 16.0 | 17.8 | 39.6 | 32.2 | 8.5 | 30.9 | 5.0 |

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Thames- ville 769 | Thedford 583 | Thorndale P.V. | Thorold 4,959 | Tilbury 1,975 |
|--|-------------------------|-----------------|-------------------|------------------|------------------|
| Population..... | | | | | |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 681.69 | | | 9,892.59 | 969.46 |
| Substation equipment..... | | | | | |
| Distribution system—overhead..... | 12,444.62 | 9,328.74 | 3,324.47 | 32,988.22 | 16,150.42 |
| Distribution system—underground..... | | | | | |
| Line transformers..... | 5,135.49 | 3,392.91 | 1,559.98 | 17,644.27 | 12,761.37 |
| Meters..... | 3,904.70 | 2,232.13 | 1,762.68 | 20,654.35 | 7,157.23 |
| Street light equipment, regular..... | 1,379.42 | 885.46 | 181.19 | 2,895.84 | 1,029.37 |
| Street light equipment, ornamental..... | | | | | |
| Miscellaneous construction expense..... | 599.04 | 1,577.21 | 310.45 | 3,312.97 | 1,751.84 |
| Steam or hydraulic plant..... | | | | 13,380.93 | |
| Old plant..... | 4,445.68 | 433.78 | | 3,800.00 | 3,049.47 |
| Total plant..... | 28,590.64 | 17,850.23 | 7,138.77 | 104,569.17 | 42,869.16 |
| Bank and cash balance..... | 2,730.87 | 925.92 | 675.94 | 23,870.76 | 6,403.17 |
| Securities and investments..... | 5,000.00 | 2,500.00 | | | 10,000.00 |
| Accounts receivable..... | 1,302.93 | 420.27 | 760.82 | 2,189.37 | 1,236.82 |
| Inventories..... | | | | 166.99 | |
| Sinking fund on local debentures..... | | | | | |
| Equity in H-E.P.C. systems..... | 12,714.28 | 6,760.34 | 6,501.41 | 68,078.30 | 33,588.45 |
| Other assets..... | | | | 81.24 | 231.12 |
| Total assets..... | 50,338.72 | 28,456.76 | 15,076.94 | 198,955.83 | 94,328.72 |
| Deficit..... | | | | | |
| Total..... | 50,338.72 | 28,456.76 | 15,076.94 | 198,955.83 | 94,328.72 |
| LIABILITIES | | | | | |
| Debenture balance..... | | 6,059.64 | 1,144.92 | | 4,479.37 |
| Accounts payable..... | | 3.12 | 3.13 | 4,779.99 | 212.54 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 175.00 | 28.00 | 38.50 | 1,777.50 | 3.38 |
| Total liabilities..... | 175.00 | 6,090.76 | 1,186.55 | 6,557.49 | 4,695.29 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 12,714.28 | 6,760.34 | 6,501.41 | 68,078.30 | 33,588.45 |
| For depreciation..... | 8,167.26 | 3,304.53 | 3,321.53 | 27,280.89 | 11,877.94 |
| Other reserves..... | 462.18 | | 100.00 | | 128.53 |
| Total reserves..... | 21,343.72 | 10,064.87 | 9,922.94 | 95,359.19 | 45,594.92 |
| SURPLUS | | | | | |
| Debentures paid..... | 11,187.80 | 10,440.36 | 1,941.56 | 5,000.00 | 9,520.63 |
| Local sinking fund..... | | | | | |
| Operating surplus..... | 17,632.20 | 1,860.77 | 2,025.89 | 92,039.15 | 34,517.88 |
| Total surplus..... | 28,820.00 | 12,301.13 | 3,967.45 | 97,039.15 | 44,038.51 |
| Total liabilities, reserves and surplus..... | 50,338.72 | 28,456.76 | 15,076.94 | 198,955.83 | 94,328.72 |
| Percentage of net debt to total assets..... | 0.5 | 28.1 | 13.8 | 5.0 | 7.7 |

“A”—Continued

Hydro Municipalities as at December 31, 1936

| Tillsonburg 3,513 | Toronto 638,271 | Toronto Twp. 6,366.13 | Trafalgar Twp. Area No. 1 21,877.84 | Trafalgar Twp. Area No. 2 11,781.86 | Wallaceburg 4,589 | Wardsville 257 |
|----------------------|--------------------|-----------------------------|--|--|----------------------|-------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 4,824.27 | 5,417,093.64 | 6,366.13 | | | 37,746.29 | |
| 13,937.52 | 14,642,640.12 | | | | 9,651.80 | |
| 44,347.15 | 6,324,352.29 | 189,000.76 | 21,877.84 | 11,781.86 | 58,099.77 | 5,076.88 |
| | 4,141,310.91 | | | | | |
| 17,423.00 | 3,613,921.74 | 59,209.97 | 9,704.34 | 2,331.94 | 35,173.82 | 1,501.32 |
| 17,615.02 | 3,142,887.34 | 34,731.57 | 4,889.87 | 1,470.05 | 20,187.83 | 1,205.94 |
| 11,482.66 | 490,095.79 | 3,717.44 | | | 10,188.30 | 519.36 |
| 4,084.16 | 2,610,100.73 | 1,985.95 | 1,701.75 | 336.71 | 4,315.75 | 512.73 |
| | 3,570,474.01 | 619.65 | | | 20,941.07 | 193.94 |
| 113,713.78 | 43,952,876.57 | 295,631.47 | 38,173.80 | 15,920.56 | 196,304.63 | 9,010.17 |
| 7,827.31 | 1,580,374.46 | 16,835.40 | 3,538.92 | 2,021.85 | 24,724.78 | 541.32 |
| 9,000.00 | | 10,000.00 | 4,000.00 | 3,000.00 | | |
| 3,780.88 | 1,984,315.47 | 3,144.58 | 788.15 | 291.77 | 7,929.66 | 1,161.11 |
| 3,666.25 | 503,787.56 | | | | 6,639.69 | |
| | 6,926,266.07 | | | | | |
| 63,347.22 | 14,030,736.71 | 72,896.37 | | | 136,245.39 | 2,620.26 |
| 3,047.89 | 13,324.86 | | | | 2,111.91 | |
| 204,383.33 | 68,991,681.70 | 398,507.82 | 46,500.87 | 21,234.18 | 373,956.06 | 13,332.86 |
| 204,383.33 | 68,991,681.70 | 398,507.82 | 46,500.87 | 21,234.18 | 373,956.06 | 13,332.86 |
| 6,752.72 | 22,203,906.79 | 44,667.29 | 9,510.91 | 9,461.15 | 35,316.33 | 2,937.84 |
| 93.30 | 1,787,378.36 | 1,941.85 | | | | |
| 3,034.34 | 174,272.79 | 2,471.26 | | | 2,111.91 | 5.00 |
| 9,880.36 | 24,165,557.94 | 49,080.40 | 9,510.91 | 9,461.15 | 37,428.24 | 2,942.84 |
| 63,347.22 | 14,030,736.71 | 72,896.37 | | | 136,245.39 | 2,620.26 |
| 35,990.26 | 8,104,733.59 | 109,579.14 | 14,602.64 | 2,087.60 | 49,902.52 | 2,509.74 |
| 825.07 | 1,067,187.97 | 862.42 | | | 780.98 | |
| 100,162.55 | 23,202,658.27 | 183,337.93 | 14,602.64 | 2,087.60 | 186,928.89 | 5,130.00 |
| 29,247.28 | 12,247,399.99 | 59,332.71 | 9,915.50 | | 36,220.25 | 4,624.56 |
| 65,093.14 | 6,926,266.07 | 106,756.78 | 12,471.82 | 9,685.43 | 113,378.68 | 635.46 |
| 94,340.42 | 2,449,799.43 | | | | | |
| | 21,623,465.49 | 166,089.49 | 22,387.32 | 9,685.43 | 149,598.93 | 5,260.02 |
| 204,383.33 | 68,991,681.70 | 398,507.82 | 46,500.87 | 21,234.18 | 373,956.06 | 13,332.86 |
| 7.0 | 35.9 | 15.1 | 20.4 | 44.5 | 15.7 | 27.5 |

STATEMENT

Balance Sheets of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Water- down 912 | Waterford | Waterloo | Watford | Welland |
|--|-----------------------|-----------|------------|-----------|------------|
| Population..... | | 1,173 | 8,310 | 916 | 10,402 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 200.00 | | 14,454.37 | | 73,269.45 |
| Substation equipment..... | | | 63,616.53 | | 69,924.22 |
| Distribution system—overhead..... | 16,146.32 | 15,772.78 | 92,662.85 | 16,748.13 | 133,611.04 |
| Distribution system—underground..... | | | | | 7,475.04 |
| Line transformers..... | 6,051.50 | 7,444.87 | 40,434.57 | 6,974.81 | 57,579.31 |
| Meters..... | 5,961.12 | 6,003.61 | 36,470.57 | 5,551.36 | 58,386.60 |
| Street light equipment, regular..... | 583.81 | 3,231.62 | 14,159.61 | 807.31 | 4,265.01 |
| Street light equipment, ornamental..... | | | 3,106.80 | | 36,513.75 |
| Miscellaneous construction expense..... | 239.66 | 476.76 | 8,811.83 | 2,013.90 | 10,522.79 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | | 23,880.17 | 657.44 | 49,964.19 |
| Total plant..... | 29,182.41 | 32,929.64 | 297,597.30 | 32,752.95 | 501,511.40 |
| Bank and cash balance..... | 5,472.15 | 2,550.17 | 17,309.49 | 1,231.02 | 523.51 |
| Securities and investments..... | | 5,300.00 | 25,000.00 | 6,800.00 | 6,065.13 |
| Accounts receivable..... | 1,651.86 | 701.13 | 2,446.43 | 975.66 | 26,638.70 |
| Inventories..... | | | 540.00 | 127.84 | 14,804.86 |
| Sinking fund on local debentures..... | | | 13,571.76 | | 139,422.06 |
| Equity in H-E.P.C. systems..... | 17,221.34 | 23,421.32 | 189,264.71 | 16,284.59 | 214,633.85 |
| Other assets..... | | | | | 19,989.38 |
| Total assets..... | 53,527.76 | 64,902.26 | 545,729.69 | 58,172.06 | 923,588.89 |
| Deficit..... | | | | | |
| Total..... | 53,527.76 | 64,902.26 | 545,729.69 | 58,172.06 | 923,588.89 |
| LIABILITIES | | | | | |
| Debenture balance..... | | | 38,864.23 | | 237,598.67 |
| Accounts payable..... | | | 1,169.36 | | 13,283.18 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 89.78 | | 3,106.80 | 112.00 | 44,323.20 |
| Total liabilities..... | 89.78 | | 43,140.39 | 112.00 | 295,205.05 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 17,221.34 | 23,421.32 | 189,264.71 | 16,284.59 | 214,633.85 |
| For depreciation..... | 7,408.87 | 11,113.20 | 115,092.57 | 7,681.39 | 130,528.52 |
| Other reserves..... | | | 300.00 | 20.64 | 3,940.14 |
| Total reserves..... | 24,630.21 | 34,534.52 | 304,657.28 | 23,986.62 | 349,102.51 |
| SURPLUS | | | | | |
| Debentures paid..... | 8,000.00 | 7,745.53 | 67,135.77 | 9,713.21 | 61,401.33 |
| Local sinking fund..... | | | 13,571.76 | | 139,422.06 |
| Operating surplus..... | 20,807.77 | 22,622.21 | 117,224.49 | 24,360.23 | 78,457.94 |
| Total surplus..... | 28,807.77 | 30,367.74 | 197,932.02 | 34,073.44 | 279,281.33 |
| Total liabilities, reserves and surplus..... | 53,527.76 | 64,902.26 | 545,729.69 | 58,172.06 | 923,588.89 |
| Percentage of net debt to total assets..... | 0.2 | 0.0 | 7.8 | 0.3 | 22.3 |

“A”—Continued

Hydro Municipalities as at December 31, 1936

| Wellesley P.V. | West Lorne 752 | Weston 5,040 | Wheatley 723 | Windsor 98,745 | Woodbridge 811 | Woodstock 10,936 |
|-------------------|-------------------|-----------------|-----------------|-------------------|-------------------|---------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| | | 11,903.31 | | 466,528.98 | | 35,489.71 |
| | | 32,737.85 | | 837,657.11 | | 110,557.90 |
| 6,799.93 | 11,376.48 | 60,897.41 | 15,419.07 | 1,207,853.62 | 16,853.38 | 107,953.84 |
| | | | | 142,009.59 | | |
| 2,153.50 | 4,274.36 | 35,953.39 | 4,242.44 | 541,826.00 | 6,510.77 | 56,440.61 |
| 2,571.82 | 3,158.14 | 23,550.96 | 3,850.78 | 496,088.73 | 4,561.71 | 57,290.97 |
| 545.11 | 655.65 | 29,813.30 | 1,690.74 | 51,305.50 | 471.33 | 15,543.65 |
| | | | | 1,021,495.33 | | |
| 295.49 | 347.14 | 5,514.73 | 1,004.76 | 172,032.94 | 826.25 | 4,412.63 |
| | 1,250.00 | | 2,569.50 | 167,579.04 | | |
| 12,365.85 | 21,061.77 | 200,370.95 | 28,777.29 | 5,104,376.84 | 29,223.44 | 387,689.31 |
| 1,430.18 | 2,092.48 | 24,490.46 | 4,389.95 | 208,077.57 | 2,014.19 | 6,385.96 |
| | | | 1,500.00 | 254,054.47 | | 86,000.00 |
| 410.49 | 67.64 | 5,284.97 | 602.82 | 319,980.31 | 1,609.85 | 5,836.77 |
| | | 229.86 | 61.92 | 125,504.43 | | 827.66 |
| | | | | 62,457.87 | | 37,024.95 |
| 12,609.46 | 19,978.73 | 168,410.20 | 9,222.80 | 2,222,797.36 | 21,670.55 | 283,389.74 |
| | | | 40.00 | | | 10,876.01 |
| 26,815.98 | 43,200.62 | 398,786.44 | 44,594.78 | 8,297,248.85 | 54,518.03 | 818,030.40 |
| 26,815.98 | 43,200.62 | 398,786.44 | 44,594.78 | 8,297,248.85 | 54,518.03 | 818,030.40 |
| | | 28,349.45 | 6,182.11 | 1,240,704.31 | 4,065.90 | 44,390.31 |
| 0.83 | 100.96 | | 19.75 | 98,527.10 | 129.64 | 133.55 |
| | 46.00 | 2,572.95 | 30.00 | 1,127,425.94 | 324.01 | 6,683.90 |
| 0.83 | 146.96 | 30,922.40 | 6,231.86 | 2,466,657.35 | 4,519.55 | 51,207.76 |
| 12,609.46 | 19,978.73 | 168,410.20 | 9,222.80 | 2,222,797.36 | 21,670.55 | 283,389.74 |
| 3,085.32 | 7,716.14 | 42,809.50 | 4,525.66 | 840,229.68 | 9,192.66 | 157,812.08 |
| | 25.76 | 1,149.30 | | 234,886.05 | | 15,500.72 |
| 15,694.78 | 27,720.63 | 212,369.00 | 13,748.46 | 3,297,913.09 | 30,863.21 | 456,702.54 |
| 7,500.00 | 8,000.00 | 41,682.99 | 6,817.89 | 1,343,127.75 | 4,434.07 | 82,995.32 |
| | | | | 62,457.87 | | 37,024.95 |
| 3,620.37 | 7,333.03 | 113,812.05 | 17,796.57 | 1,127,092.79 | 14,701.20 | 190,099.83 |
| 11,120.37 | 15,333.03 | 155,495.04 | 24,614.46 | 2,532,678.41 | 19,135.27 | 310,120.10 |
| 26,815.98 | 43,200.62 | 398,786.44 | 44,594.78 | 8,297,248.85 | 54,518.03 | 818,030.40 |
| 0.0 | 0.6 | 13.4 | 17.6 | 27.7 | 13.8 | 2.9 |

STATEMENT

Balance Sheets of Electrical Departments of

**NIAGARA
SYSTEM—Concluded**

| Municipality..... | Wyoming | York Twp. | Zurich | NIAGARA SYSTEM SUMMARY |
|--|--------------|--------------|--------------|------------------------------|
| Population..... | 504 | | P.V. | |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | | | | 8,901,566.37 |
| Substation equipment..... | | | | 20,635,587.73 |
| Distribution system—overhead..... | 7,984.17 | 798,974.80 | 6,969.43 | 17,424,041.08 |
| Distribution system—underground..... | | | | 5,648,819.04 |
| Line transformers..... | 1,470.55 | | 1,850.90 | 8,356,007.36 |
| Meters..... | 2,442.46 | | 2,353.49 | 7,308,078.21 |
| Street light equipment, regular..... | 289.62 | 50,124.98 | 471.82 | 1,787,541.17 |
| Street light equipment, ornamental..... | | | | 1,504,596.77 |
| Miscellaneous construction expense..... | 805.20 | 19,070.96 | 269.97 | 3,623,366.29 |
| Steam or hydraulic plant..... | | | | 24,022.48 |
| Old plant..... | | | 150.00 | 4,343,975.16 |
| Plant not distributed..... | | | | 200,000.00 |
| Total plant..... | 12,992.00 | 868,170.74 | 12,065.61 | 79,757,601.66 |
| Bank and cash balance..... | 1,952.42 | 2,100.50 | 1,948.77 | 3,126,910.77 |
| Securities and investments..... | | | 2,000.00 | 1,040,351.56 |
| Accounts receivable..... | 187.00 | 49,398.20 | 588.13 | 3,777,001.45 |
| Inventories..... | | | | 1,107,252.98 |
| Sinking fund on local debentures..... | | | | 8,481,812.05 |
| Equity in H-E.P.C. systems..... | 6,018.27 | | 9,821.20 | 31,862,420.08 |
| Other assets..... | | 14,260.21 | | 171,076.10 |
| Total assets..... | 21,149.69 | 933,929.65 | 26,423.71 | 129,324,426.65 |
| Deficit..... | 167.72 | | | 2,756.37 |
| Total..... | 21,317.41 | 933,929.65 | 26,423.71 | 129,327,183.02 |
| LIABILITIES | | | | |
| Debenture balance..... | | 332,523.90 | 3,158.99 | 31,130,048.25 |
| Accounts payable..... | | 11,237.03 | | 2,630,415.52 |
| Bank overdraft..... | | | | 7,313.14 |
| Other liabilities..... | 30.00 | | 30.00 | 3,149,626.64 |
| Total liabilities..... | 30.00 | 343,760.93 | 3,188.99 | 36,917,403.55 |
| RESERVES | | | | |
| For equity in H-E.P.C. systems..... | 6,018.27 | | 9,821.20 | 31,862,420.08 |
| For depreciation..... | 5,569.14 | 215,157.85 | 5,153.70 | 16,159,432.29 |
| Other reserves..... | | | | 2,145,117.29 |
| Total reserves..... | 11,587.41 | 215,157.85 | 14,974.90 | 50,166,969.66 |
| SURPLUS | | | | |
| Debentures paid..... | 9,700.00 | 267,476.10 | 2,432.62 | 21,939,339.07 |
| Local sinking fund..... | | | | 8,481,812.05 |
| Operating surplus..... | | 107,534.77 | 5,827.20 | 11,821,658.69 |
| Total surplus..... | 9,700.00 | 375,010.87 | 8,259.82 | 42,242,809.81 |
| Total liabilities, reserves and surplus..... | 21,317.41 | 933,929.65 | 26,423.71 | 129,327,183.02 |
| Percentage of net debt to total assets..... | 0.2 | 36.8 | 19.2 | 30.8 |

“A”—Continued

Hydro Municipalities as at December 31, 1936

GEORGIAN BAY
SYSTEM

| Alliston 1,412 | Arthur 1,052 | Barrie 7,856 | Beaverton 920 | Beeton 585 | Bradford 999 | Brechin P.V. | Canning- ton 757 |
|-------------------|-----------------|-----------------|------------------|---------------|-----------------|-----------------|------------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 675. 73 | | 14,199. 11 | 299. 50 | | | | |
| 26,880. 40 | 17,792. 43 | 15,285. 02 | | 428. 50 | 388. 50 | | |
| | | 59,326. 28 | 24,509. 12 | 11,753. 79 | 19,711. 31 | 1,789. 59 | 10,411. 41 |
| | | 66,437. 67 | | | | | |
| 6,535. 77 | 4,253. 99 | 41,294. 33 | 8,213. 14 | 2,228. 23 | 4,677. 65 | 1,126. 71 | 4,262. 88 |
| 6,810. 16 | 3,666. 06 | 41,282. 25 | 6,288. 68 | 2,089. 31 | 4,423. 93 | 726. 95 | 4,405. 05 |
| 1,549. 02 | 796. 21 | 12,146. 42 | 1,267. 25 | 1,169. 54 | 544. 95 | 212. 44 | 924. 69 |
| 2,723. 57 | 358. 35 | 8,848. 00 | 2,616. 66 | 1,585. 26 | 2,168. 55 | 553. 28 | 694. 38 |
| 7,846. 49 | 1,086. 62 | | 3,772. 42 | | | | 3,609. 37 |
| 53,021. 14 | 27,953. 66 | 258,819. 08 | 46,966. 77 | 19,254. 63 | 31,914. 89 | 4,408. 97 | 24,307. 78 |
| 2,810. 64 | 27. 20 | 7,688. 94 | 681. 17 | 2,000. 39 | 4,897. 88 | 1,426. 25 | 2,860. 26 |
| | | 9,000. 00 | 7,000. 00 | | 1,000. 00 | | 1,326. 62 |
| 2,793. 90 | 735. 90 | 14,278. 62 | 1,607. 85 | 1,205. 51 | 2,290. 57 | 847. 90 | 889. 19 |
| | | 1,822. 77 | | 5. 18 | | | 165. 25 |
| 15,967. 66 | 14,422. 99 | 103,028. 58 | 15,612. 00 | 11,663. 93 | 13,146. 98 | 5,998. 22 | 11,798. 25 |
| 2. 50 | | 1,261. 39 | 463. 47 | | 217. 39 | 24. 85 | 24. 00 |
| 74,595. 84 | 43,139. 75 | 395,899. 38 | 72,331. 26 | 34,129. 64 | 53,467. 71 | 12,706. 19 | 41,371. 35 |
| | 11,135. 76 | | | 321. 58 | | | |
| 74,595. 84 | 54,275. 51 | 395,899. 38 | 72,331. 26 | 34,451. 22 | 53,467. 71 | 12,706. 19 | 41,371. 35 |
| 21,258. 60 | 15,215. 54 | 17,933. 77 | 4,764. 14 | 8,648. 51 | 15,561. 67 | 1,824. 82 | 5,929. 38 |
| 1. 09 | 1,789. 31 | 493. 65 | 133. 58 | 11. 45 | 639. 83 | | 105. 95 |
| 2. 50 | | 1,123. 46 | 463. 47 | | 217. 39 | 24. 85 | 24. 00 |
| 21,262. 19 | 17,004. 85 | 19,550. 88 | 5,361. 19 | 8,659. 96 | 16,418. 89 | 1,849. 67 | 6,059. 33 |
| 15,967. 66 | 14,422. 99 | 103,028. 58 | 15,612. 00 | 11,663. 93 | 13,146. 98 | 5,998. 22 | 11,798. 25 |
| 14,793. 00 | 13,063. 21 | 75,717. 56 | 11,660. 72 | 7,775. 84 | 9,906. 01 | 1,979. 47 | 9,334. 11 |
| | | 400. 00 | | | | | |
| 30,760. 66 | 27,486. 20 | 179,146. 14 | 27,272. 72 | 19,439. 77 | 23,052. 99 | 7,977. 69 | 21,132. 36 |
| 18,741. 40 | 9,784. 46 | 47,431. 91 | 10,235. 86 | 6,351. 49 | 9,638. 33 | 1,386. 10 | 9,070. 62 |
| 3,831. 59 | | 149,770. 45 | 29,461. 49 | | 4,357. 50 | 1,492. 73 | 5,109. 04 |
| 22,572. 99 | 9,784. 46 | 197,202. 36 | 39,697. 35 | 6,351. 49 | 13,995. 83 | 2,878. 83 | 14,179. 66 |
| 74,595. 84 | 54,275. 51 | 395,899. 38 | 72,331. 26 | 34,451. 22 | 53,467. 71 | 12,706. 19 | 41,371. 35 |
| 36. 3 | 59. 2 | 6. 7 | 9. 5 | 38. 5 | 38. 8 | 27. 6 | 20. 5 |

STATEMENT

Balance Sheets of Electrical Departments of

GEORGIAN BAY
SYSTEM—Continued

| Municipality..... | Chatsworth 302 | Chesley 1,759 | Coldwater 617 | Collingwood 5,749 | Cookstown P.V. |
|--|-------------------|------------------|------------------|----------------------|-------------------|
| Population..... | | | | | |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 364.89 | | 275.00 | 15,950.08 | 60.00 |
| Substation equipment..... | | 595.98 | | 11,203.24 | 392.95 |
| Distribution system—overhead..... | 5,000.64 | 20,312.40 | 8,184.91 | 48,168.13 | 9,136.76 |
| Distribution system—underground..... | | | | | |
| Line transformers..... | 1,639.93 | 6,958.73 | 2,779.67 | 17,032.06 | 2,232.60 |
| Meters..... | 1,556.97 | 6,619.57 | 2,780.56 | 22,177.54 | 2,217.67 |
| Street light equipment, regular..... | 529.17 | 1,350.20 | 775.02 | 2,876.90 | 701.86 |
| Street light equipment, ornamental..... | | | | | |
| Miscellaneous construction expense..... | 397.82 | 3,560.69 | 304.91 | 1,146.00 | 1,533.75 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | 5,503.60 | | | |
| Total plant..... | 9,489.42 | 44,901.17 | 15,100.07 | 118,553.95 | 16,275.59 |
| Bank and cash balance..... | 1,769.79 | 1,777.07 | 225.13 | 13,754.24 | 6,235.52 |
| Securities and investments..... | | 10,000.00 | 4,000.00 | 16,000.00 | |
| Accounts receivable..... | 722.04 | 1,369.35 | 2,329.24 | 4,952.53 | 562.54 |
| Inventories..... | 17.44 | 135.42 | | 122.06 | 25.92 |
| Sinking fund on local debentures..... | | | | | |
| Equity in H-E.P.C. systems..... | 3,106.58 | 25,990.76 | 10,433.72 | 103,407.17 | 3,760.01 |
| Other assets..... | | | 103.00 | 2,039.73 | 15.00 |
| Total assets..... | 15,105.27 | 84,173.77 | 32,191.16 | 258,829.68 | 26,874.58 |
| Deficit..... | | | | | |
| Total..... | 15,105.27 | 84,173.77 | 32,191.16 | 258,829.68 | 26,874.58 |
| LIABILITIES | | | | | |
| Debenture balance..... | 326.12 | 425.84 | 2,737.09 | | 5,592.63 |
| Accounts payable..... | 473.48 | 3.46 | 116.26 | 29.24 | 18.27 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | | | 103.00 | 2,039.73 | 15.00 |
| Total liabilities..... | 799.60 | 429.30 | 2,956.35 | 2,068.97 | 5,625.90 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 3,106.58 | 25,990.76 | 10,433.72 | 103,407.17 | 3,760.01 |
| For depreciation..... | 2,744.91 | 16,629.58 | 8,176.74 | 52,137.75 | 6,665.22 |
| Other reserves..... | | | | 300.00 | |
| Total reserves..... | 5,851.49 | 42,620.34 | 18,610.46 | 155,844.92 | 10,425.23 |
| SURPLUS | | | | | |
| Debentures paid..... | 5,073.88 | 27,074.16 | 4,262.91 | 38,183.42 | 7,907.37 |
| Local sinking fund..... | | | | | |
| Operating surplus..... | 3,380.30 | 14,049.97 | 6,361.44 | 62,732.37 | 2,916.08 |
| Total surplus..... | 8,454.18 | 41,124.13 | 10,624.35 | 100,915.79 | 10,823.45 |
| Total liabilities, reserves and surplus..... | 15,105.27 | 84,173.77 | 32,191.16 | 258,829.68 | 26,874.58 |
| Percentage of net debt to total assets..... | 6.7 | 0.7 | 13.6 | 1.3 | 24.3 |

“A”—Continued

Hydro Municipalities as at December 31, 1936

| Creemore 649 | Dundalk 646 | Durham 1,823 | Elmvale P.V. | Elmwood P.V. | Flesherton 469 | Grand Valley 572 | Graven- hurst 1,997 |
|-----------------|----------------|-----------------|-----------------|-----------------|-------------------|------------------------|---------------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| | | 56.59 | 106.25 | | | 36.50 | 4,019.14 |
| | | 546.02 | 2,273.07 | | | | 5,318.56 |
| 7,291.01 | 7,897.45 | 21,976.46 | 8,769.76 | 4,822.81 | 5,446.88 | 11,341.14 | 28,240.96 |
| 3,171.36 | 3,514.90 | 7,744.30 | 4,087.14 | 833.38 | 1,797.67 | 2,179.63 | 8,100.55 |
| 3,021.57 | 2,698.01 | 7,377.61 | 3,675.33 | 1,128.92 | 2,260.97 | 2,954.95 | 9,715.57 |
| 295.27 | 1,082.10 | 1,408.66 | 447.17 | 302.28 | 720.51 | 987.12 | 4,103.52 |
| 36.62 | 368.65 | 1,863.96 | 555.24 | 1,093.62 | 937.11 | 226.76 | 3,217.01 |
| | | 2,091.39 | | | | 919.85 | 28,055.29 |
| 13,815.83 | 15,561.11 | 43,064.99 | 19,913.96 | 8,181.01 | 11,163.14 | 18,645.95 | 90,770.60 |
| 1,115.83 | 3,456.14 | 4,485.89 | 2,948.09 | 1,521.42 | 2,283.21 | 598.16 | 638.76 |
| 2,000.00 | 3,000.00 | 7,000.00 | 2,500.00 | 2,000.00 | 2,500.00 | 5,128.60 | 10,000.00 |
| 651.11 | 644.81 | 1,972.91 | 330.19 | 191.16 | 390.75 | 363.70 | 2,996.34 |
| | 19.46 | 390.11 | 8.64 | | | 29.08 | 374.06 |
| | | | | 456.96 | | | 9,333.42 |
| 8,830.78 | 8,906.20 | 23,380.61 | 11,539.23 | 2,911.98 | 4,947.39 | 8,797.19 | 18,151.46 |
| 108.00 | | | | | | | 367.50 |
| 26,521.55 | 31,587.72 | 80,294.51 | 37,240.11 | 15,262.53 | 21,284.49 | 33,562.68 | 132,632.14 |
| 26,521.55 | 31,587.72 | 80,294.51 | 37,240.11 | 15,262.53 | 21,284.49 | 33,562.68 | 132,632.14 |
| | | | 2,311.24 | 1,179.58 | 2,902.64 | | 10,000.01 |
| | 667.84 | 10.96 | 228.50 | 70.63 | 44.06 | | 548.88 |
| 108.00 | | | | | | | 367.50 |
| 108.00 | 667.84 | 10.96 | 2,539.74 | 1,250.21 | 2,946.70 | | 10,916.39 |
| 8,830.78 | 8,906.20 | 23,380.61 | 11,539.23 | 2,911.98 | 4,947.39 | 8,797.19 | 18,151.46 |
| 4,342.69 | 4,986.99 | 13,326.40 | 8,421.22 | 3,374.09 | 4,367.70 | 6,635.44 | 18,926.23 |
| | | | | | | | 500.00 |
| 13,173.47 | 13,893.19 | 36,707.01 | 19,960.45 | 6,286.07 | 9,315.09 | 15,432.63 | 37,577.69 |
| 2,823.61 | 5,955.96 | 25,800.00 | 4,688.76 | 6,020.42 | 3,797.36 | 11,000.00 | 53,968.40 |
| | | | | 456.96 | | | 9,333.42 |
| 10,416.47 | 11,070.73 | 17,776.54 | 10,051.16 | 1,248.87 | 5,225.34 | 7,130.05 | 20,836.24 |
| 13,240.08 | 17,026.69 | 43,576.54 | 14,739.92 | 7,726.25 | 9,022.70 | 18,130.05 | 84,138.06 |
| 26,521.55 | 31,587.72 | 80,294.51 | 37,240.11 | 15,262.53 | 21,284.49 | 33,562.68 | 132,632.14 |
| 0.6 | 2.9 | 0.0 | 9.8 | 6.7 | 18.0 | 0.0 | 1.5 |

STATEMENT

Balance Sheets of Electrical Departments of

GEORGIAN BAY
SYSTEM—Continued

| Municipality..... | Hanover | Holstein | Huntsville | Kincardine | Kirkfield |
|--|------------|----------|------------|------------|-----------|
| Population..... | 3,056 | P.V. | 2,718 | 2,468 | P.V. |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 3,001.32 | | 353.52 | 6,531.80 | |
| Substation equipment..... | 9,271.19 | | 647.30 | 2,794.20 | |
| Distribution system—overhead..... | 49,686.57 | 2,102.68 | 16,575.91 | 43,505.11 | 5,130.67 |
| Distribution system—uncerground..... | | | | | |
| Line transformers..... | 17,753.97 | 571.82 | 7,537.42 | 11,504.45 | 557.90 |
| Meters..... | 16,062.93 | 544.92 | 10,598.71 | 11,138.00 | 722.75 |
| Street light equipment, regular..... | 2,326.30 | 168.69 | 2,262.52 | 5,420.36 | 379.00 |
| Street light equipment, ornamental..... | | | | | |
| Miscellaneous construction expense..... | 5,349.56 | 205.93 | 1,574.30 | 5,374.75 | 301.53 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | 2,370.91 | | 5,436.20 | | |
| Total plant..... | 105,822.75 | 3,594.04 | 44,985.88 | 86,268.67 | 7,091.85 |
| Bank and cash balance..... | 9,795.58 | 898.19 | 6,516.53 | 5,840.18 | |
| Securities and investments..... | 25,767.15 | 1,500.00 | 18,329.68 | | |
| Accounts receivable..... | 2,914.11 | 481.65 | 2,093.84 | 396.45 | 438.01 |
| Inventories..... | 75.97 | 54.81 | 2,341.25 | 563.16 | |
| Sinking fund on local debentures..... | | | | | |
| Equity in H-E.P.C. systems..... | 60,687.98 | 1,978.07 | 41,910.63 | 28,207.77 | 2,341.70 |
| Other assets..... | | | 870.50 | 207.64 | 523.10 |
| Total assets..... | 205,063.54 | 8,506.76 | 117,048.31 | 121,483.87 | 10,394.66 |
| Deficit..... | | | | | 1,357.62 |
| Total..... | 205,063.54 | 8,506.76 | 117,048.31 | 121,483.87 | 11,752.28 |
| LIABILITIES | | | | | |
| Debenture balance..... | 16,270.79 | | 687.79 | 20,444.62 | 1,812.84 |
| Accounts payable..... | 5,770.82 | 894.86 | 50.97 | 676.00 | 774.71 |
| Bank overdraft..... | | | | | 48.59 |
| Other liabilities..... | 6.00 | | 870.50 | 90.60 | |
| Total liabilities..... | 22,047.61 | 894.86 | 1,609.26 | 21,211.22 | 2,636.14 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 60,687.98 | 1,978.07 | 41,910.63 | 28,207.77 | 2,341.70 |
| For depreciation..... | 46,171.26 | 1,468.45 | 14,106.12 | 22,272.33 | 2,587.28 |
| Other reserves..... | | | 1,200.00 | | |
| Total reserves..... | 106,859.24 | 3,446.52 | 57,216.75 | 50,480.10 | 4,928.98 |
| SURPLUS | | | | | |
| Debentures paid..... | 71,229.21 | 2,762.05 | 20,445.75 | 43,755.38 | 4,187.16 |
| Local sinking fund..... | | | | | |
| Operating surplus..... | 4,927.48 | 1,403.33 | 37,776.55 | 6,037.17 | |
| Total surplus..... | 76,156.69 | 4,165.38 | 58,222.30 | 49,792.55 | 4,187.16 |
| Total liabilities, reserves and surplus..... | 205,063.54 | 8,506.76 | 117,048.31 | 121,483.87 | 11,752.28 |
| Percentage of net debt to total assets..... | 15.3 | 13.7 | 2.1 | 22.7 | 32.7 |

“A”—Continued

Hydro Municipalities as at December 31, 1936

| Lucknow 1,062 | Markdale 791 | Meaford 2,762 | Midland 6,845 | Mildmay 755 | Mount Forest 1,743 | Neustadt 484 | Orange- ville 2,792 |
|----------------------------------|----------------------------------|-----------------------------------|---|---|---|--------------------------------|--|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 18,133.29 | 780.80 10,400.08 | 1,116.53 3,240.15 31,318.97 | 19,983.57 85,096.20 94,527.06 | 6,016.98 | 3,725.00 686.75 22,871.73 | 9,995.44 | 2,585.07 1,169.00 32,561.69 |
| 5,101.36 4,979.49 1,425.49 | 4,151.74 3,578.34 1,314.08 | 7,961.96 7,989.22 3,274.30 | 24,040.88 37,052.46 19,126.57 | 1,657.05 2,495.82 561.88 | 6,927.69 7,754.35 2,302.55 | 3,817.25 2,017.85 496.41 | 8,485.01 12,096.74 7,532.55 |
| 2,538.97 | 681.10 | 2,293.68 | 4,861.29 | 900.65 | 2,067.83 | 1,539.72 | 6,471.95 |
| | 2,080.65 | 3,453.38 | | 849.00 | 3,810.95 | 1,097.60 | 3,204.99 |
| 32,178.60 | 22,986.79 | 60,648.19 | 284,688.03 | 12,481.38 | 50,146.85 | 18,964.27 | 74,107.00 |
| 1,719.97 4,500.00 1,006.23 | 3,852.16 1,255.13 1,604.22 | 16,853.60 1,000.18 140.25 | 11,678.26 29,000.00 11,321.36 2,273.42 | 1,792.33 2,500.00 441.63 35.66 | 1,125.36 4,000.00 3,393.25 45.00 | 3,095.41 2,813.02 20.97 | 4,856.60 9,500.00 3,043.39 381.22 |
| 13,505.34 | 7,148.40 | 19,401.49 1,127.56 | 163,382.37 803.20 | 1,254.59 | 22,666.31 | 5,079.53 | 30,569.49 |
| 52,910.14 | 36,846.70 | 99,171.27 | 503,146.64 | 18,505.59 | 81,376.77 | 29,973.20 196.15 | 122,457.70 |
| 52,910.14 | 36,846.70 | 99,171.27 | 503,146.64 | 18,505.59 | 81,376.77 | 30,169.35 | 122,457.70 |
| 7,568.59 187.41 | 4,447.84 687.37 | 27,910.56 | 18,093.18 506.28 | 10,972.51 | 9,598.52 | 3,453.98 50.00 | 386.05 |
| | 22.00 | 11.11 1,127.56 | 803.20 | | | | |
| 7,756.00 | 5,157.21 | 29,049.23 | 19,402.66 | 10,972.51 | 9,598.52 | 3,503.98 | 386.05 |
| 13,505.34 6,936.95 | 7,148.40 6,058.09 | 19,401.49 12,075.65 | 163,382.37 137,696.48 2,925.40 | 1,254.59 888.00 | 22,666.31 18,147.94 | 5,079.53 8,039.82 | 30,569.49 25,633.86 |
| 20,442.29 | 13,206.49 | 31,477.14 | 304,004.25 | 2,142.59 | 40,814.25 | 13,119.35 | 56,203.35 |
| 12,154.77 | 4,552.16 | 21,449.64 | 93,976.81 | 1,330.99 | 21,360.08 | 13,546.02 | 35,513.95 |
| 12,557.08 | 13,930.84 | 17,195.26 | 85,762.92 | 4,059.50 | 9,603.92 | | 30,354.35 |
| 24,711.85 | 18,483.00 | 38,644.90 | 179,739.73 | 5,390.49 | 30,964.00 | 13,546.02 | 65,868.30 |
| 52,910.14 | 36,846.70 | 99,171.27 | 503,146.64 | 18,505.59 | 81,376.77 | 30,169.35 | 122,457.70 |
| 19.7 | 17.4 | 36.4 | 5.7 | 63.6 | 16.3 | 14.1 | 0.4 |

STATEMENT

Balance Sheets of Electrical Departments of

GEORGIAN BAY
SYSTEM—Continued

| Municipality..... | Owen Sound 13,139 | Paisley 752 | Penetang- uishene 3,989 | Port Elgin 1,270 | Port McNicol 935 |
|--|-------------------------|----------------|-------------------------------|------------------------|------------------------|
| Population..... | | | | | |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 26,023.81 | | 2,262.10 | 111.25 | 369.08 |
| Substation equipment..... | 15,131.59 | 1,933.26 | 7,076.39 | | |
| Distribution system—overhead..... | 108,607.61 | 11,562.78 | 42,137.86 | 26,198.04 | 8,529.01 |
| Distribution system—underground..... | | | | | |
| Line transformers..... | 46,414.44 | 1,602.53 | 16,224.50 | 6,386.51 | 1,440.73 |
| Meters..... | 58,324.28 | 3,033.20 | 13,939.64 | 6,613.18 | 2,543.44 |
| Street light equipment, regular..... | 28,581.61 | 1,045.51 | 3,591.63 | 2,123.60 | 500.93 |
| Street light equipment, ornamental..... | | | | | |
| Miscellaneous construction expense..... | 3,817.72 | 837.45 | 1,364.50 | 585.56 | 626.60 |
| Steam or hydraulic plant..... | 33,282.00 | | | | |
| Old plant..... | | 1,745.00 | | 4,213.00 | |
| Total plant..... | 320,183.06 | 21,759.73 | 86,596.62 | 46,231.14 | 14,009.79 |
| Bank and cash balance..... | 12,124.05 | 1,682.81 | 862.78 | 5,224.00 | 407.69 |
| Securities and investments..... | 25,000.00 | 4,000.00 | 718.96 | 10,000.00 | |
| Accounts receivable..... | 16,138.18 | 694.67 | 5,545.58 | 324.10 | 542.42 |
| Inventories..... | 9,769.00 | | 149.18 | 10.80 | |
| Sinking fund on local debentures..... | | | | | |
| Equity in H-E.P.C. systems..... | 143,695.39 | 7,679.63 | 46,942.49 | 5,091.15 | 4,554.98 |
| Other assets..... | | | 312.75 | | |
| Total assets..... | 526,909.68 | 35,816.84 | 141,128.36 | 66,881.19 | 19,514.88 |
| Deficit..... | | | | | |
| Total..... | 526,909.68 | 35,816.84 | 141,128.36 | 66,881.19 | 19,514.88 |
| LIABILITIES | | | | | |
| Debenture balance..... | | 7,608.77 | 10,130.68 | 33,360.19 | 867.53 |
| Accounts payable..... | 84.74 | 179.60 | 1,472.89 | 3,760.42 | 46.79 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 3,498.50 | | 312.75 | 10.00 | |
| Total liabilities..... | 3,583.24 | 7,788.37 | 11,916.32 | 37,130.61 | 914.32 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 143,695.39 | 7,679.63 | 46,942.49 | 5,091.15 | 4,554.98 |
| For depreciation..... | 69,594.18 | 4,969.52 | 34,184.03 | 4,744.23 | 4,966.26 |
| Other reserves..... | | | 1,000.00 | | |
| Total reserves..... | 213,289.57 | 12,649.15 | 82,126.52 | 9,835.38 | 9,521.24 |
| SURPLUS | | | | | |
| Debentures paid..... | 141,000.00 | 8,391.23 | 26,852.27 | 8,639.81 | 6,432.47 |
| Local sinking fund..... | | | | | |
| Operating surplus..... | 169,036.87 | 6,988.09 | 20,233.25 | 11,275.39 | 2,646.85 |
| Total surplus..... | 310,036.87 | 15,379.32 | 47,085.52 | 19,915.20 | 9,079.32 |
| Total liabilities, reserves and surplus..... | 526,909.68 | 35,816.84 | 141,128.36 | 66,881.19 | 19,514.88 |
| Percentage of net debt to total assets..... | 0.9 | 27.7 | 12.7 | 60.1 | 6.1 |

“A”—Continued

Hydro Municipalities as at December 31, 1936

| Port Perry 1,125 | Priceville P.V. | Ripley 454 | Rosseau 305 | Shelburne 1,102 | Southamp- ton 1,321 | Stayner 1,008 | Sunderland P.V. |
|------------------------|--------------------|---------------|----------------|--------------------|---------------------------|------------------|--------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 2,564.65 | 68.00 | | | 800.00 | 25.00 | | |
| 19,102.73 | 4,717.36 | 9,975.19 | 7,269.16 | 566.60 | | 200.00 | |
| | | | | 14,976.58 | 21,529.55 | 14,353.90 | 4,174.96 |
| 4,676.69 | 702.86 | 3,551.90 | 2,204.63 | 6,309.57 | 6,275.07 | 5,699.60 | 1,523.48 |
| 4,214.12 | 412.10 | 1,500.13 | 1,083.86 | 6,538.06 | 7,430.67 | 5,740.05 | 2,107.48 |
| 1,037.90 | 139.88 | 844.33 | 461.72 | 1,059.60 | 2,000.73 | 984.00 | 627.74 |
| 128.98 | 833.90 | 1,254.97 | 1,278.04 | 2,243.26 | 893.28 | 454.13 | 192.62 |
| | | | | 739.50 | 2,077.00 | | 2,030.00 |
| 31,725.07 | 6,874.10 | 17,126.52 | 12,297.41 | 33,233.17 | 40,231.30 | 27,431.68 | 10,656.28 |
| 3,171.84 | 468.83 | 2,252.10 | 2,422.77 | 2,287.89 | 5,127.05 | 601.30 | 1,740.28 |
| 10,000.00 | | | | 5,500.00 | | 5,500.00 | 1,116.14 |
| 1,442.58 | 184.08 | 150.24 | 306.90 | 782.91 | 253.25 | 979.22 | 643.27 |
| 18.00 | | | | 59.40 | 21.81 | | 18.29 |
| 11,596.85 | 672.24 | 5,424.57 | 1,887.68 | 13,814.47 | 4,727.94 | 11,861.60 | 7,823.90 |
| 510.10 | | | | | | 98.51 | 6.22 |
| 58,464.44 | 8,199.25 | 24,953.43 | 16,914.76 | 55,677.84 | 50,361.35 | 46,472.31 | 22,004.38 |
| | 1,724.87 | | | | | | |
| 58,464.44 | 9,924.12 | 24,953.43 | 16,914.76 | 55,677.84 | 50,361.35 | 46,472.31 | 22,004.38 |
| 12,438.77 | 1,812.74 | 9,100.98 | 11,874.92 | 1,128.51 | 19,001.40 | | 2,266.64 |
| 108.32 | 101.57 | | 11.61 | 984.52 | 212.46 | 93.66 | 36.67 |
| 510.10 | 74.45 | 100.00 | | 19.78 | 7.00 | 98.51 | 6.22 |
| 13,057.19 | 1,988.76 | 9,200.98 | 11,886.53 | 2,132.81 | 19,220.86 | 192.17 | 2,309.53 |
| 11,596.85 | 672.24 | 5,424.57 | 1,887.68 | 13,814.47 | 4,727.94 | 11,861.60 | 7,823.90 |
| 7,841.86 | 2,075.86 | 4,350.31 | 1,140.47 | 12,482.13 | 3,777.89 | 11,492.89 | 4,070.44 |
| 19,438.71 | 2,748.10 | 9,774.88 | 3,028.15 | 26,296.60 | 8,505.83 | 23,354.49 | 11,894.34 |
| 7,442.89 | 5,187.26 | 4,870.96 | 1,125.08 | 18,791.49 | 13,998.60 | 9,867.59 | 4,533.36 |
| 18,525.65 | | 1,106.61 | 875.00 | 8,456.94 | 8,636.06 | 13,058.06 | 3,267.15 |
| 25,968.54 | 5,187.26 | 5,977.57 | 2,000.08 | 27,248.43 | 22,634.66 | 22,925.65 | 7,800.51 |
| 58,464.44 | 9,924.12 | 24,953.43 | 16,914.76 | 55,677.84 | 50,361.35 | 46,472.31 | 22,004.38 |
| 27.9 | 26.4 | 47.1 | 79.1 | 5.1 | 42.1 | 0.6 | 16.3 |

STATEMENT

Balance Sheets of Electrical Departments of

GEORGIAN BAY
SYSTEM—Concluded

| Municipality..... | Tara | Teeswater | Thornton | Tottenham | Uxbridge |
|--|-----------|-----------|-----------|-----------|-----------|
| Population..... | 509 | 837 | P.V. | 539 | 1,451 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | | | | | 40.00 |
| Substation equipment..... | | 330.31 | | 358.50 | 2,657.65 |
| Distribution system—overhead..... | 11,185.11 | 17,157.22 | 6,478.82 | 8,191.22 | 13,561.59 |
| Distribution system—underground..... | | | | | |
| Line transformers..... | 2,292.77 | 4,805.35 | 1,015.06 | 1,256.38 | 4,076.22 |
| Meters..... | 1,804.33 | 3,517.78 | 912.23 | 2,109.02 | 4,869.76 |
| Street light equipment, regular..... | 2,602.39 | 1,488.82 | 381.95 | 466.26 | 1,387.46 |
| Street light equipment, ornamental..... | | | | | |
| Miscellaneous construction expense..... | 1,478.74 | 1,868.49 | 300.35 | 1,325.68 | 1,026.12 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | 4,976.86 | | 286.45 | |
| Total plant..... | 19,363.34 | 34,144.83 | 9,088.41 | 13,993.51 | 27,618.80 |
| Bank and cash balance..... | 2,396.81 | 2,209.22 | 32.05 | 284.61 | 2,780.93 |
| Securities and investments..... | | 1,000.00 | | | |
| Accounts receivable..... | 305.13 | 149.46 | 201.22 | 852.00 | 1,287.25 |
| Inventories..... | 10.37 | 55.73 | | | |
| Sinking fund on local debentures..... | | | | | |
| Equity in H-E.P.C. systems..... | 6,176.73 | 8,742.34 | 2,447.86 | 7,693.92 | 12,256.65 |
| Other assets..... | | | | 254.26 | 78.75 |
| Total assets..... | 28,252.38 | 46,301.58 | 11,769.54 | 23,078.30 | 44,022.38 |
| Deficit..... | 2,464.07 | | 3,069.89 | 3,413.82 | |
| Total..... | 30,716.45 | 46,301.58 | 14,839.43 | 26,492.12 | 44,022.38 |
| LIABILITIES | | | | | |
| Debenture balance..... | 2,346.53 | 8,297.40 | 1,955.05 | 6,352.55 | |
| Accounts payable..... | 2,468.97 | 28.11 | 202.67 | 217.97 | 6.00 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | | 28.00 | | 254.26 | 78.75 |
| Total liabilities..... | 4,815.50 | 8,353.51 | 2,157.72 | 6,824.78 | 84.75 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 6,176.73 | 8,742.34 | 2,447.86 | 7,693.92 | 12,256.65 |
| For depreciation..... | 6,570.75 | 6,342.38 | 4,688.90 | 5,358.87 | 5,625.03 |
| Other reserves..... | | | | | |
| Total reserves..... | 12,747.48 | 15,084.72 | 7,136.76 | 13,052.79 | 17,881.68 |
| SURPLUS | | | | | |
| Debentures paid..... | 13,153.47 | 19,702.60 | 5,544.95 | 6,614.55 | 16,207.59 |
| Local sinking fund..... | | | | | |
| Operating surplus..... | | 3,160.75 | | | 9,848.36 |
| Total surplus..... | 13,153.47 | 22,863.35 | 5,544.95 | 6,614.55 | 26,055.95 |
| Total liabilities, reserves and surplus..... | 30,716.45 | 46,301.58 | 14,839.43 | 26,492.12 | 44,022.38 |
| Percentage of net debt to total assets..... | 21.8 | 22.2 | 23.1 | 44.4 | 0.3 |

"A"—Continued

Hydro Municipalities as at December 31, 1936

| Victoria Harbor 1,077 | Walkerton 2,428 | Waubau- shene P.V. | Warton 1,715 | Winder- mere 153 | Wingham 1,987 | Woodville 390 | GEORGIAN BAY SYSTEM SUMMARY |
|-----------------------------|--------------------|--------------------------|-----------------|------------------------|------------------|------------------|--------------------------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| | | | 241.79 | | 13,679.51 | | 116,284.41 |
| 9,586.04 | 41,892.59 | 7,658.21 | 21,230.43 | 9,332.53 | 4,863.91 | | 176,476.02 |
| | | | | | 40,474.75 | 3,049.26 | 1,184,522.32 |
| 1,516.97 | 11,190.32 | 2,034.90 | 5,868.28 | 3,106.75 | 16,328.74 | 2,127.54 | 66,437.67 |
| 2,647.77 | 10,913.00 | 2,200.48 | 6,321.73 | 1,002.87 | 15,158.44 | 2,179.77 | 393,364.91 |
| 366.32 | 2,513.25 | 303.35 | 2,025.26 | 247.26 | 3,489.76 | 498.38 | 422,026.60 |
| | | | | | | | 139,550.64 |
| 685.70 | 2,507.34 | 350.14 | 5,088.18 | 525.65 | 4,440.42 | 302.31 | 103,361.58 |
| | | | | | 14,711.99 | | 47,993.99 |
| | 4,897.60 | | 2,058.29 | | 12,320.02 | 2,182.50 | 112,714.93 |
| 14,802.80 | 73,914.10 | 12,547.08 | 42,833.96 | 14,215.06 | 125,467.54 | 10,339.76 | 2,762,733.07 |
| 1,674.70 | 6,238.95 | 1,757.90 | 5,855.70 | 92.99 | 705.95 | 1,662.08 | 178,437.83 |
| | | | 5,000.00 | | 7,000.00 | 5,000.00 | 275,495.88 |
| 254.97 | 2,436.74 | 1,010.18 | 1,885.92 | 675.84 | 3,065.32 | 1,510.53 | 114,695.41 |
| | 1,429.22 | 17.28 | | | 4,206.28 | | 24,812.46 |
| | | | | | | | 9,790.38 |
| 4,871.92 | 8,785.27 | 2,798.57 | 7,235.51 | 1,428.15 | 25,437.64 | 7,755.16 | 1,185,337.97 |
| | | | | | | | 9,419.42 |
| 21,604.39 | 92,804.28 | 18,131.01 | 62,811.09 | 16,412.04 | 165,882.73 | 26,267.53 | 4,560,722.42 |
| | | | | | | | 23,683.76 |
| 21,604.39 | 92,804.28 | 18,131.01 | 62,811.09 | 16,412.04 | 165,882.73 | 26,267.53 | 4,584,406.18 |
| | 52,472.12 | | 32,524.96 | 10,499.23 | 30,264.37 | 2,091.57 | 494,653.76 |
| 158.97 | 45.96 | | 16.24 | 113.60 | 389.90 | 54.76 | 25,781.26 |
| | | | | | | | 59.70 |
| | 50.00 | | 30.00 | | 474.00 | | 12,961.08 |
| 158.97 | 52,568.08 | | 32,571.20 | 10,612.83 | 31,128.27 | 2,146.33 | 533,455.80 |
| 4,871.92 | 8,785.27 | 2,798.57 | 7,235.51 | 1,428.15 | 25,437.64 | 7,755.16 | 1,185,337.97 |
| 4,907.79 | 5,426.22 | 2,850.97 | 4,473.94 | 1,684.55 | 27,434.07 | 2,402.98 | 840,503.63 |
| | | | | | | | 6,325.40 |
| 9,779.71 | 14,211.49 | 5,649.54 | 11,709.45 | 3,112.70 | 52,871.71 | 10,158.14 | 2,032,167.00 |
| 6,500.00 | 10,527.88 | 3,500.00 | 4,875.04 | 1,264.07 | 65,841.13 | 3,408.43 | 1,069,733.11 |
| | | | | | | | 9,790.38 |
| 5,165.71 | 15,496.83 | 8,981.47 | 13,655.40 | 1,422.44 | 16,041.62 | 10,554.63 | 939,259.89 |
| 11,665.71 | 26,024.71 | 12,481.47 | 18,530.44 | 2,686.51 | 81,882.75 | 13,963.06 | 2,018,783.38 |
| 21,604.39 | 92,804.28 | 18,131.01 | 62,811.09 | 16,412.04 | 165,882.73 | 26,267.53 | 4,584,406.18 |
| 0.9 | 62.6 | 0.0 | 58.6 | 70.8 | 22.2 | 11.6 | 15.6 |

STATEMENT

Balance Sheets of Electrical Departments of

EASTERN ONTARIO
SYSTEM

| Municipality..... | Alexandria | Apple Hill P.V. | Athens | Bath | Belleville |
|--|------------|--------------------|-----------|-----------|------------|
| Population..... | 1,931 | | 626 | 360 | 14,411 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 202.00 | 169.06 | | | 40,191.40 |
| Substation equipment..... | | | | | 2,338.65 |
| Distribution system—overhead..... | 28,269.44 | 2,935.47 | 14,154.45 | 5,895.78 | 113,521.65 |
| Distribution system—underground..... | | | | | |
| Line transformers..... | 8,496.99 | 1,288.37 | 1,980.47 | 1,021.65 | 26,294.92 |
| Meters..... | 7,061.45 | 1,097.16 | 2,815.62 | 707.55 | 59,383.59 |
| Street light equipment, regular..... | 2,224.20 | 421.12 | 698.90 | 554.37 | 19,337.81 |
| Street light equipment, ornamental..... | | | | | |
| Miscellaneous construction expense..... | 5,117.93 | 280.98 | 1,011.61 | 727.38 | 3,219.26 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | 4,466.89 | 709.55 | | | |
| Total plant..... | 55,838.90 | 6,901.71 | 20,661.05 | 8,906.73 | 264,287.28 |
| Bank and cash balance..... | 3,132.84 | 1,140.49 | 116.01 | 2.34 | 15,174.18 |
| Securities and investments..... | 5,000.00 | | 3,000.00 | | 30,000.00 |
| Accounts receivable..... | 3,854.55 | 372.30 | 2,261.74 | | 43,377.17 |
| Inventories..... | | | | | 8,803.66 |
| Sinking fund on local debentures..... | | | | | |
| Equity in H-E.P.C. systems..... | 22,921.75 | 2,334.83 | 3,878.02 | 1,142.63 | 103,439.14 |
| Other assets..... | | | | | |
| Total assets..... | 90,748.04 | 10,749.33 | 29,916.82 | 10,051.70 | 465,081.43 |
| Deficit..... | | | | 237.99 | |
| Total..... | 90,748.04 | 10,749.33 | 29,916.82 | 10,289.69 | 465,081.43 |
| LIABILITIES | | | | | |
| Debenture balance..... | 12,085.39 | 2,322.99 | 10,096.63 | 6,566.01 | |
| Accounts payable..... | | 395.47 | 86.98 | 714.06 | 66.56 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 436.76 | | | 64.00 | 9,229.08 |
| Total liabilities..... | 12,522.15 | 2,718.46 | 10,183.61 | 7,344.07 | 9,295.64 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 22,921.75 | 2,334.83 | 3,878.02 | 1,142.63 | 103,439.14 |
| For depreciation..... | 14,598.76 | 1,845.26 | 3,393.75 | 869.00 | 32,748.19 |
| Other reserves..... | 377.83 | | 6.06 | | 1,172.36 |
| Total reserves..... | 37,898.34 | 4,180.09 | 7,277.83 | 2,011.63 | 137,359.69 |
| SURPLUS | | | | | |
| Debentures paid..... | 36,048.45 | 3,677.01 | 3,903.37 | 933.99 | 176,000.00 |
| Local sinking fund..... | | | | | |
| Operating surplus..... | 4,279.10 | 173.77 | 8,552.01 | | 142,426.10 |
| Total surplus..... | 40,327.55 | 3,850.78 | 12,455.38 | 933.99 | 318,426.10 |
| Total liabilities, reserves and surplus..... | 90,748.04 | 10,749.33 | 29,916.82 | 10,289.69 | 465,081.43 |
| Percentage of net debt to total assets..... | 18.4 | 32.3 | 39.1 | 82.4 | 2.6 |

"A"—Continued

Hydro Municipalities as at December 31, 1936

| Bloomfield 669 | Bowman- ville 3,631 | Brighton 1,374 | Brockville 9,874 | Cardinal 1,148 | Carleton Place 4,250 | Chester- ville 1,074 | Cobden 641 |
|-------------------|---------------------------|-------------------|---------------------|-------------------|----------------------------|----------------------------|---------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 410.00 | 27,907.29 | | 45,295.14 | | 13,378.33 | 300.00 | |
| 11,141.43 | 894.47 | | 1,000.87 | | 2,471.63 | | |
| | 46,570.65 | 14,725.81 | 89,232.80 | 12,343.25 | 43,248.55 | 8,232.57 | 3,815.00 |
| 2,230.77 | 8,535.70 | 5,056.89 | 38,436.71 | 2,850.50 | 11,441.62 | 3,461.50 | 560.00 |
| 2,780.23 | 17,649.96 | 6,848.77 | 44,875.56 | 2,922.82 | 17,227.95 | 4,185.17 | 780.00 |
| 908.20 | 2,921.51 | 821.98 | 24,685.09 | 438.57 | 6,699.55 | 593.64 | 412.00 |
| 1,403.42 | 3,001.82 | 770.78 | 3,057.92 | 938.43 | 3,932.86 | 911.38 | 45.86 |
| | | | 46,965.86 | | | | |
| | | | 4,821.76 | 3,474.80 | 5,293.19 | | 2,853.85 |
| 18,874.05 | 107,481.40 | 28,224.23 | 298,371.71 | 22,968.37 | 103,693.68 | 17,684.26 | 8,466.71 |
| 2,859.70 | 100.00 | 4,735.17 | 7,310.67 | 375.35 | | 735.96 | 2,388.27 |
| | | | 115,000.00 | 3,000.00 | 20,000.00 | 9,000.00 | |
| 359.49 | 12,654.99 | 3,928.52 | 13,920.90 | 522.35 | 10,207.45 | 2,046.05 | 314.89 |
| | 3,498.26 | 4,733.68 | 2,512.77 | | 523.39 | 530.51 | |
| 3,929.41 | 29,851.04 | 6,834.62 | 121,243.08 | 2,865.12 | 55,152.56 | 21,057.91 | 138.85 |
| 26,022.65 | 153,585.69 | 48,456.22 | 558,359.13 | 29,731.19 | 189,577.08 | 51,054.69 | 11,308.72 |
| 26,022.65 | 153,585.69 | 48,456.22 | 558,359.13 | 29,731.19 | 189,577.08 | 51,054.69 | 11,308.72 |
| 5,839.43 | 34,565.36 | 19,753.03 | | 11,176.11 | 35,509.81 | 486.14 | 6,913.79 |
| | | | 8,262.43 | | | 27.69 | 11.90 |
| 61.00 | 6,765.76 | | | | 1,280.63 | | |
| | 1,023.89 | 131.78 | 48.40 | | 931.90 | | 70.00 |
| 5,900.43 | 42,355.01 | 19,884.81 | 8,310.83 | 11,176.11 | 37,722.34 | 513.83 | 6,995.69 |
| 3,929.41 | 29,851.04 | 6,834.62 | 121,243.08 | 2,865.12 | 55,152.56 | 21,057.91 | 138.85 |
| 5,553.96 | 8,177.50 | 2,800.53 | 91,905.15 | 2,005.80 | 12,129.23 | 6,290.01 | 226.00 |
| | | 886.76 | 15,528.77 | | 1,683.17 | | |
| 9,483.37 | 38,028.54 | 10,521.91 | 228,677.00 | 4,870.92 | 68,964.96 | 27,347.92 | 364.85 |
| 5,360.57 | 36,434.64 | 5,246.97 | 226,657.54 | 3,823.89 | 30,490.19 | 6,013.86 | 889.48 |
| 5,278.28 | 36,767.50 | 12,802.53 | 94,713.76 | 9,860.27 | 52,399.59 | 17,179.08 | 3,058.70 |
| 10,638.85 | 73,202.14 | 18,049.50 | 321,371.30 | 13,684.16 | 82,889.78 | 23,192.94 | 3,948.18 |
| 26,022.65 | 153,585.69 | 48,456.22 | 558,359.13 | 29,731.19 | 189,577.08 | 51,054.69 | 11,308.72 |
| 26.7 | 34.2 | 47.8 | 1.9 | 41.6 | 28.1 | 1.7 | 62.6 |

STATEMENT

Balance Sheets of Electrical Departments of

EASTERN ONTARIO
SYSTEM—Continued

| Municipality..... | Cobourg | Colborne | Deseronto | Finch | Hastings |
|--|------------|-----------|-----------|-----------|-----------|
| Population..... | 5,837 | 986 | 1,363 | 368 | 817 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 18,563.19 | | | | |
| Substation equipment..... | 1,668.35 | | 161.18 | | |
| Distribution system—overhead..... | 69,352.84 | 10,106.73 | 10,310.90 | 7,669.04 | 15,662.47 |
| Distribution system—underground..... | | | | | |
| Line transformers..... | 20,223.20 | 1,117.89 | 1,702.57 | 1,393.35 | 1,995.63 |
| Meters..... | 26,133.97 | 2,015.98 | 4,807.54 | 1,798.27 | 3,209.26 |
| Street light equipment, regular..... | 9,317.40 | 1,399.56 | 432.60 | 435.62 | 1,249.95 |
| Street light equipment, ornamental..... | | | | | |
| Miscellaneous construction expense..... | 3,956.04 | 2,396.06 | 427.19 | 144.02 | 688.76 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | | | | 1,733.13 |
| Total plant..... | 149,214.99 | 17,036.22 | 17,841.98 | 11,440.30 | 24,539.20 |
| Bank and cash balance..... | 290.06 | 2,468.81 | 1,333.66 | 515.19 | 630.35 |
| Securities and investments..... | 22,580.31 | 2,500.00 | | 3,000.00 | 5,500.00 |
| Accounts receivable..... | 6,845.95 | 611.80 | 1,918.25 | 638.72 | 475.06 |
| Inventories..... | 3,253.34 | 809.44 | 886.34 | | |
| Sinking fund on local debentures..... | | | | | |
| Equity in H-E.P.C. systems..... | 22,327.76 | 1,663.01 | 3,975.65 | 2,777.41 | 1,961.00 |
| Other assets..... | | | | | |
| Total assets..... | 204,512.41 | 25,089.28 | 25,955.88 | 18,371.62 | 33,105.61 |
| Deficit..... | | | | | |
| Total..... | 204,512.41 | 25,089.28 | 25,955.88 | 18,371.62 | 33,105.61 |
| LIABILITIES | | | | | |
| Debenture balance..... | 91,860.88 | 11,304.19 | 4,746.36 | 4,813.30 | 17,638.70 |
| Accounts payable..... | 105.69 | | | 13.45 | 145.51 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 4,037.13 | 209.00 | 219.12 | 5.00 | 118.00 |
| Total liabilities..... | 96,003.70 | 11,513.19 | 4,965.48 | 4,831.75 | 17,902.21 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 22,327.76 | 1,663.01 | 3,975.65 | 2,777.41 | 1,961.00 |
| For depreciation..... | 11,514.12 | 984.00 | 2,084.92 | 1,810.23 | 2,421.35 |
| Other reserves..... | | | | 10.59 | |
| Total reserves..... | 33,841.88 | 2,647.01 | 6,060.57 | 4,598.23 | 4,382.35 |
| SURPLUS | | | | | |
| Debentures paid..... | 14,132.62 | 890.40 | 10,253.64 | 2,186.70 | 3,361.30 |
| Local sinking fund..... | | | | | |
| Operating surplus..... | 60,534.21 | 10,038.68 | 4,676.19 | 6,754.94 | 7,459.75 |
| Total surplus..... | 74,666.83 | 10,929.08 | 14,929.83 | 8,941.64 | 10,821.05 |
| Total liabilities, reserves and surplus..... | 204,512.41 | 25,089.28 | 25,955.88 | 18,371.62 | 33,105.61 |
| Percentage of net debt to total assets..... | 53.1 | 49.1 | 22.6 | 30.9 | 57.5 |

“A”—Continued

Hydro Municipalities as at December 31, 1936

| Havelock | Kemptville | Kingston | Lakefield | Lanark | Lancaster | Lindsay |
|-----------|------------|--------------|-----------|-----------|-----------|------------|
| 1,161 | 1,330 | 24,173 | 1,374 | 673 | 602 | 6,949 |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 572.90 | | 206,243.61 | 3,137.97 | | | 10,556.68 |
| 19,628.24 | 20,581.55 | 51,735.17 | | | | 3,176.56 |
| | | 170,670.20 | 22,145.89 | 6,741.97 | 6,455.81 | 82,089.73 |
| | | 180,399.12 | | | | |
| 2,516.33 | 6,405.31 | 60,693.38 | 5,556.69 | 1,267.23 | 1,044.32 | 24,197.43 |
| 5,423.62 | 6,955.58 | 105,783.41 | 7,250.20 | 1,881.42 | 1,571.15 | 31,524.86 |
| 1,883.33 | 1,063.16 | 75,300.28 | 1,850.38 | 682.38 | 650.65 | 10,311.90 |
| | | | | | | |
| 4,600.29 | 5,852.88 | 43,220.42 | 3,657.66 | 376.08 | 1,068.55 | 2,529.29 |
| | | 15,890.14 | | | | |
| 2,420.45 | | | 3,445.25 | | | |
| | | | | | | |
| 37,045.16 | 40,858.48 | 909,935.73 | 47,044.04 | 10,949.08 | 10,790.48 | 164,386.45 |
| | | | | | | |
| 2,763.30 | 2,056.98 | 23,287.60 | 2,641.76 | 696.78 | 4,130.32 | 10,388.34 |
| 10,000.00 | 20,000.00 | 292,175.00 | 8,000.00 | 2,982.05 | | 55,000.00 |
| 519.89 | 1,842.66 | 58,353.79 | 1,378.41 | 286.57 | 1,026.38 | 7,133.54 |
| | 1,158.18 | 6,834.49 | | | | 344.26 |
| | | 18,451.66 | | | | |
| 8,281.25 | 14,175.21 | | 7,960.37 | 4,352.54 | 4,551.23 | 57,816.29 |
| | | 1,000.00 | | | | |
| | | | | | | |
| 58,609.60 | 80,091.51 | 1,310,038.27 | 67,024.58 | 19,267.02 | 20,498.41 | 295,068.88 |
| | | | | | | |
| 58,609.60 | 80,091.51 | 1,310,038.27 | 67,024.58 | 19,267.02 | 20,498.41 | 295,068.88 |
| | | | | | | |
| 10,445.72 | 16,881.83 | 62,530.01 | 23,123.60 | 1,866.68 | 897.69 | 92,457.36 |
| | 171.18 | 1,120.00 | | | 470.23 | |
| | | | | | | |
| | 139.05 | 2,668.07 | 621.02 | 15.00 | 123.36 | 2,212.56 |
| | | | | | | |
| 10,445.72 | 17,192.06 | 66,318.08 | 23,744.62 | 1,881.68 | 1,491.28 | 94,669.92 |
| | | | | | | |
| 8,281.25 | 14,175.21 | | 7,960.37 | 4,352.54 | 4,551.23 | 57,816.29 |
| 9,030.31 | 9,522.83 | 177,879.77 | 12,724.33 | 2,607.25 | 3,280.70 | 27,086.81 |
| | | 296,922.75 | | | | |
| | | | | | | |
| 17,311.56 | 23,698.04 | 474,802.52 | 20,684.70 | 6,959.79 | 7,831.93 | 84,903.10 |
| | | | | | | |
| 22,454.28 | 8,118.17 | 249,369.99 | 10,376.40 | 5,694.79 | 9,072.73 | 37,542.64 |
| | | 18,451.66 | | | | |
| 8,398.04 | 31,083.24 | 501,096.02 | 12,218.86 | 4,730.76 | 2,102.47 | 77,953.22 |
| | | | | | | |
| 30,852.32 | 39,201.41 | 768,917.67 | 22,595.26 | 10,425.55 | 11,175.20 | 115,495.86 |
| | | | | | | |
| 58,609.60 | 80,091.51 | 1,310,038.27 | 67,024.58 | 19,267.02 | 20,498.41 | 295,068.88 |
| | | | | | | |
| 20.8 | 26.1 | 3.7 | 40.2 | 12.6 | 9.3 | 39.9 |

STATEMENT

Balance Sheets of Electrical Departments of

EASTERN ONTARIO
SYSTEM—Continued

| Municipality..... | Madoc | Marmora | Martin- town P.V. | Maxville | Napanee |
|--|-----------|-----------|-------------------------|-----------|------------|
| Population..... | 1,253 | 986 | | 699 | 3,013 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 100.00 | | 126.15 | | 2,634.47 |
| Substation equipment..... | | | | 407.79 | |
| Distribution system—overhead..... | 11,252.83 | 13,532.44 | 2,746.79 | 11,549.05 | 42,507.03 |
| Distribution system—underground..... | | | | | |
| Line transformers..... | 3,271.56 | 3,604.81 | 690.33 | 1,781.21 | 9,354.57 |
| Meters..... | 4,966.98 | 3,725.64 | 901.05 | 2,443.99 | 17,433.29 |
| Street light equipment, regular..... | 1,577.14 | 1,193.23 | 335.26 | 1,605.64 | 3,963.21 |
| Street light equipment, ornamental..... | | | | | |
| Miscellaneous construction expense..... | 338.55 | 2,086.41 | 751.81 | 2,381.00 | 3,793.23 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | 573.62 | | | |
| Total plant..... | 21,507.06 | 24,716.15 | 5,551.39 | 20,168.68 | 79,685.80 |
| Bank and cash balance..... | 5,639.06 | 3,494.17 | 1,781.59 | 511.31 | 5,109.53 |
| Securities and investments..... | | 352.68 | | 1,000.00 | |
| Accounts receivable..... | 253.70 | 384.71 | 188.91 | 1,009.29 | 12,742.05 |
| Inventories..... | | | | | 5,994.08 |
| Sinking fund on local debentures..... | | | | | |
| Equity in H-E.P.C. systems..... | 4,481.84 | 3,487.74 | 1,461.63 | 6,881.25 | 25,302.36 |
| Other assets..... | | | | | |
| Total assets..... | 31,881.66 | 32,435.45 | 8,983.52 | 29,570.53 | 128,833.82 |
| Deficit..... | | | 187.82 | | |
| Total..... | 31,881.66 | 32,435.45 | 9,171.34 | 29,570.53 | 128,833.82 |
| LIABILITIES | | | | | |
| Debenture balance..... | | 5,280.10 | | 4,692.93 | 19,408.50 |
| Accounts payable..... | | 170.74 | | 11.15 | |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 213.00 | 45.00 | 5.00 | 75.00 | 610.75 |
| Total liabilities..... | 213.00 | 5,495.84 | 5.00 | 4,779.08 | 20,019.25 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 4,481.84 | 3,487.74 | 1,461.63 | 6,881.25 | 25,302.36 |
| For depreciation..... | 594.09 | 3,842.62 | 1,592.37 | 4,723.02 | 6,303.45 |
| Other reserves..... | | | 112.34 | | 3,018.02 |
| Total reserves..... | 5,075.93 | 7,330.36 | 3,166.34 | 11,604.27 | 34,623.83 |
| SURPLUS | | | | | |
| Debentures paid..... | 14,000.00 | 12,386.01 | 6,000.00 | 11,307.07 | 50,591.50 |
| Local sinking fund..... | | | | | |
| Operating surplus..... | 12,592.73 | 7,223.24 | | 1,880.11 | 23,599.24 |
| Total surplus..... | 26,592.73 | 19,609.25 | 6,000.00 | 13,187.18 | 74,190.74 |
| Total liabilities, reserves and surplus..... | 31,881.66 | 32,435.45 | 9,171.34 | 29,570.53 | 128,833.82 |
| Percentage of net debt to total assets..... | 0.8 | 18.9 | 0.0 | 21.6 | 19.3 |

“A”—Continued

Hydro Municipalities as at December 31, 1936

| Norwood 753 | Omemee 588 | Oshawa 24,097 | Ottawa 140,316 | Perth 4,215 | Peterborough 22,973 | Picton 3,560 |
|----------------|---------------|------------------|-------------------|----------------|------------------------|-----------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 457.53 | 360.32 | 60,448.11 | 434,311.44 | 5,026.01 | 75,202.75 | 10,868.37 |
| 23,290.92 | 11,601.34 | 1,393.29 | 705,083.19 | 5,779.83 | 91,649.67 | 2,004.66 |
| | | 196,067.39 | 779,138.72 | 46,758.25 | 243,415.28 | 39,171.27 |
| | | | 174,681.19 | | | |
| 3,879.18 | 2,980.81 | 48,616.94 | 334,643.40 | 24,220.65 | 106,225.27 | 12,652.58 |
| 4,822.00 | 2,508.72 | 106,667.36 | 286,888.97 | 22,204.81 | 99,111.53 | 16,935.85 |
| 1,886.92 | 701.06 | 16,088.95 | 123,719.11 | 4,167.14 | 56,485.00 | 4,275.67 |
| 4,148.70 | 1,575.92 | 11,125.43 | 36,615.49 | 5,373.85 | 54,655.69 | 3,385.43 |
| 2,447.51 | | 8,831.65 | | 23,606.94 | 29,771.74 | |
| 40,932.76 | 19,728.17 | 449,239.12 | 2,875,081.51 | 137,137.48 | 756,516.93 | 89,293.83 |
| 5,281.07 | 4,685.12 | 52,794.24 | 153,113.83 | 13,411.98 | 330.00 | 8,404.17 |
| 10,000.00 | | | 38,000.00 | 48,574.23 | | 14,000.00 |
| 430.04 | 48.39 | 58,341.05 | 90,528.82 | 5,905.52 | 55,246.99 | 5,295.89 |
| | | 8,268.50 | 26,503.30 | 7,779.09 | 6,455.63 | 4,491.08 |
| | | | 500,654.33 | | 298,448.53 | |
| 4,026.51 | | 316,187.34 | 101,022.15 | 48,123.32 | 189,039.95 | 33,423.96 |
| | | 1,000.87 | | 82.03 | | |
| 60,670.38 | 24,461.68 | 885,831.12 | 3,784,903.94 | 261,013.65 | 1,306,038.03 | 154,908.93 |
| 60,670.38 | 24,461.68 | 885,831.12 | 3,784,903.94 | 261,013.65 | 1,306,038.03 | 154,908.93 |
| 24,297.94 | 1,438.02 | 213,227.65 | 651,558.87 | 45,928.41 | 527,920.00 | |
| | | 5,846.01 | 51,861.27 | | 19,766.69 | 3,493.23 |
| 358.07 | 102.84 | 23,273.18 | | 2,404.26 | 8,804.27 | |
| | | | | | 185.00 | 1,882.30 |
| 24,656.01 | 1,540.86 | 242,346.84 | 703,420.14 | 48,332.67 | 556,675.96 | 5,375.53 |
| 4,026.51 | | 316,187.34 | 101,022.15 | 48,123.32 | 189,039.95 | 33,423.96 |
| 11,281.18 | 7,612.43 | 64,779.05 | 1,097,734.36 | 43,559.33 | 110,220.33 | 15,475.28 |
| | | 17,678.24 | 167,556.37 | 600.00 | 1,357.18 | 1,386.53 |
| 15,307.69 | 7,612.43 | 398,644.63 | 1,366,312.88 | 92,282.65 | 300,617.46 | 50,285.77 |
| 12,802.06 | 10,561.98 | 96,772.35 | 328,441.13 | 62,471.59 | | 5,730.32 |
| | | | 500,654.33 | | 298,448.53 | |
| 7,904.62 | 4,746.41 | 148,067.30 | 886,075.46 | 57,926.74 | 150,296.08 | 93,517.31 |
| 20,706.68 | 15,308.39 | 244,839.65 | 1,715,170.92 | 120,398.33 | 448,744.61 | 99,247.63 |
| 60,670.38 | 24,461.68 | 885,831.12 | 3,784,903.94 | 261,013.65 | 1,306,038.03 | 154,908.93 |
| 43.5 | 6.3 | 42.5 | 6.4 | 22.7 | 31.5 | 4.4 |

STATEMENT

Balance Sheets of Electrical Departments of

EASTERN ONTARIO
SYSTEM—Continued

| Municipality..... | Port Hope | Prescott | Richmond | Russell | Smiths Falls |
|--|--------------|--------------|--------------|--------------|--------------|
| Population..... | 4,320 | 2,942 | 420 | P.V. | 7,539 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 8,673.09 | 2,761.54 | | | 19,528.85 |
| Substation equipment..... | | | | | 4,745.66 |
| Distribution system—overhead..... | 49,272.27 | 39,536.16 | 6,392.59 | 7,769.63 | 87,549.92 |
| Distribution system—underground..... | | | | | |
| Line transformers..... | 14,014.49 | 14,419.16 | 984.28 | 1,382.48 | 27,963.30 |
| Meters..... | 20,409.10 | 18,909.92 | 1,256.17 | 1,627.91 | 33,574.24 |
| Street light equipment, regular..... | 2,828.46 | 2,116.94 | 173.98 | 492.87 | 9,326.13 |
| Street light equipment, ornamental..... | | | | | |
| Miscellaneous construction expense..... | 1,367.87 | 299.14 | 642.54 | 1,277.96 | 7,021.74 |
| Steam or hydraulic plant..... | | | | | 37,286.49 |
| Old plant..... | | | | | 21,253.48 |
| Total plant..... | 96,565.28 | 78,042.86 | 9,449.56 | 12,550.85 | 248,249.81 |
| Bank and cash balance..... | 18,224.98 | 7,639.57 | 893.51 | 447.13 | 10,002.65 |
| Securities and investments..... | | 3,000.00 | | 2,000.00 | 48,000.00 |
| Accounts receivable..... | 4,424.26 | 3,623.17 | 281.23 | 1,528.44 | 7,575.74 |
| Inventories..... | 1,717.61 | | | | 118.29 |
| Sinking fund on local debentures..... | | | | | |
| Equity in H-E.P.C. systems..... | 31,994.72 | 34,489.40 | 1,686.00 | 3,958.02 | 71,051.99 |
| Other assets..... | | | | | |
| Total assets..... | 152,926.85 | 126,795.00 | 12,310.30 | 20,484.44 | 384,998.48 |
| Deficit..... | | | | | |
| Total..... | 152,926.85 | 126,795.00 | 12,310.30 | 20,484.44 | 384,998.48 |
| LIABILITIES | | | | | |
| Debenture balance..... | | | 4,751.27 | 5,817.55 | 27,898.19 |
| Accounts payable..... | | 481.31 | | 47.76 | 80.62 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 3,913.53 | 211.00 | 45.25 | | 75.00 |
| Total liabilities..... | 3,913.53 | 692.31 | 4,796.52 | 5,865.31 | 28,053.81 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems..... | 31,994.72 | 34,489.40 | 1,686.00 | 3,958.02 | 71,051.99 |
| For depreciation..... | 10,562.36 | 37,997.52 | 1,475.92 | 2,118.59 | 75,850.50 |
| Other reserves..... | | | 52.84 | | 1,339.91 |
| Total reserves..... | 42,557.08 | 72,486.92 | 3,214.76 | 6,076.61 | 148,242.40 |
| SURPLUS | | | | | |
| Debentures paid..... | 79,000.00 | 12,170.99 | 1,748.73 | 4,182.45 | 169,726.81 |
| Local sinking fund..... | | | | | |
| Operating surplus..... | 27,456.24 | 41,444.78 | 2,550.29 | 4,360.07 | 38,975.46 |
| Total surplus..... | 106,456.24 | 53,615.77 | 4,299.02 | 8,542.52 | 208,702.27 |
| Total liabilities, reserves and surplus..... | 152,926.85 | 126,795.00 | 12,310.30 | 20,484.44 | 384,998.48 |
| Percentage of net debt to total assets..... | 3.2 | 0.7 | 45.1 | 35.5 | 8.9 |

“A”—Continued

Hydro Municipalities as at December 31, 1936

| Stirling 965 | Trenton 6,541 | Tweed 1,276 | Warkworth P.V. | Wellington 920 | Westport 709 | Whitby 3,751 | Williams- burg P.V. |
|-----------------|------------------|-------------------|-------------------|-------------------|-------------------|---------------------|---------------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 8,410.00 | 5,114.41 | | | 200.00 | | 6,394.26 | |
| 7,042.12 | 23,080.03 | | | 499.80 | | 34,493.60 | |
| 6,111.39 | 98,930.87 | 10,693.87 | 5,524.02 | 14,660.44 | 7,277.12 | 45,917.93 | 3,373.77 |
| 3,711.12 | 21,616.60 | 3,314.91 | 716.39 | 3,716.70 | 1,015.48 | 11,043.22 | 1,959.82 |
| 5,094.44 | 27,614.74 | 5,117.05 | 1,659.89 | 5,424.12 | 1,323.44 | 15,923.46 | 2,292.46 |
| 2,732.21 | 13,537.82 | 1,035.28 | 325.70 | 1,225.88 | 581.82 | 4,568.27 | 152.11 |
| 653.10 | 6,195.75 | 293.54 | 609.19 | 795.70 | 1,280.96 | 6,550.63 | 318.58 |
| | | | 3,618.02 | 2,477.92 | 1,713.00 | 1,340.13 | |
| 33,754.38 | 196,090.22 | 20,454.65 | 12,453.21 | 29,000.56 | 13,191.82 | 126,231.50 | 8,096.74 |
| 6,403.54 | 14,868.17 | 775.16 | 1,697.46 | 10.00 | 263.51 | 14,749.26 | 3,721.14 |
| 3,424.88 | | | 2,500.00 | 5,000.00 | 2,500.00 | 5,000.00 | 16,000.00 |
| 976.25 | 9,705.17 | 1,741.54 | 303.08 | 869.62 | 877.79 | 8,603.09 | 1,663.25 |
| 920.26 | 6,129.42 | 2,007.81 | | | | 165.98 | |
| 5,345.24 | 39,770.21 | 5,133.64 | 2,443.50 | 6,410.42 | 2,437.80 80.00 | 32,290.41 | 4,191.66 |
| 50,824.55 | 266,563.19 | 30,112.80 | 19,397.25 | 41,290.60 | 19,350.92 | 187,040.24 | 33,672.79 |
| 50,824.55 | 266,563.19 | 30,112.80 | 19,397.25 | 41,290.60 | 19,350.92 | 187,040.24 | 33,672.79 |
| | 80,327.94 | 8,477.92 | 8,652.74 | 8,887.70 | 11,864.24 | 29,301.57 129.48 | 1,788.14 |
| 254.13 | 3,731.85 | 286.69 | | 1,336.45 21.00 | | 924.43 | 453.02 |
| 254.13 | 84,059.79 | 8,764.61 | 8,652.74 | 10,245.15 | 11,864.24 | 30,355.48 | 2,241.16 |
| 5,345.24 | 39,770.21 | 5,133.64 | 2,443.50 | 6,410.42 | 2,437.80 | 32,290.41 | 4,191.66 |
| 5,589.61 | 18,866.25 | 3,049.97 50.00 | 1,956.32 | 7,302.54 | 874.56 | 24,756.36 | 2,415.72 297.20 |
| 10,934.85 | 58,636.46 | 8,233.61 | 4,399.82 | 13,712.96 | 3,312.36 | 57,046.77 | 6,904.58 |
| 10,000.00 | 84,672.06 | 10,522.08 | 2,347.26 | 8,112.30 | 3,135.76 | 47,310.93 | 2,750.00 |
| 29,635.57 | 39,194.88 | 2,592.50 | 3,997.43 | 9,220.19 | 1,038.56 | 52,327.06 | 21,777.05 |
| 39,635.57 | 123,866.94 | 13,114.58 | 6,344.69 | 17,332.49 | 4,174.32 | 99,637.99 | 24,527.05 |
| 50,824.55 | 266,563.19 | 30,112.80 | 19,397.25 | 41,290.60 | 19,350.92 | 187,040.24 | 33,672.79 |
| 0.6 | 37.1 | 35.1 | 51.0 | 29.4 | 70.1 | 19.6 | 7.6 |

STATEMENT

Balance Sheets of Electrical Departments of

EASTERN ONTARIO SYSTEM—Concluded

THUNDER BAY SYSTEM

| Municipality..... | Winchester | EASTERN ONTARIO SYSTEM SUMMARY | Fort William | Nipigon |
|--|------------|---|--------------|-----------|
| Population..... | 1,057 | | 24,371 | |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 299.85 | 1,006,043.97 | 48,927.62 | 215.03 |
| Substation equipment..... | | 941,427.27 | 123,549.33 | |
| Distribution system—overhead..... | 9,724.18 | 2,649,267.69 | 150,943.94 | 13,938.94 |
| Distribution system—underground..... | | 355,080.31 | | |
| Line transformers..... | 3,107.53 | 900,656.21 | 67,673.04 | 2,594.47 |
| Meters..... | 5,149.25 | 1,080,677.47 | 64,947.51 | 2,616.83 |
| Street light equipment, regular..... | 719.87 | 421,109.82 | 35,134.33 | 1,452.86 |
| Street light equipment, ornamental..... | | | | |
| Miscellaneous construction expense..... | 516.22 | 247,391.30 | 6,384.04 | 133.53 |
| Steam or hydraulic plant..... | | 100,142.49 | | |
| Old plant..... | 1,100.00 | 125,952.88 | 293,762.46 | |
| Plant not distributed..... | | | | |
| Total plant..... | 20,616.90 | 7,827,749.41 | 791,322.27 | 20,951.66 |
| Bank and cash balance..... | 2,362.82 | 425,889.10 | 59,096.65 | 3,571.95 |
| Securities and investments..... | 7,000.00 | 813,089.15 | 58,200.00 | 732.02 |
| Accounts receivable..... | 1,286.79 | 448,686.20 | 30,066.91 | 404.22 |
| Inventories..... | | 104,439.37 | 1,213.07 | |
| Sinking fund on local debentures..... | | 817,554.52 | 93,425.70 | |
| Equity in H-E.P.C. systems..... | 14,372.01 | 1,493,643.75 | 379,377.22 | 2,536.28 |
| Other assets..... | | 2,162.90 | | |
| Total assets..... | 45,638.52 | 11,933,214.40 | 1,412,701.82 | 28,196.13 |
| Deficit..... | | 425.81 | | |
| Total..... | 45,638.52 | 11,933,640.21 | 1,412,701.82 | 28,196.13 |
| LIABILITIES | | | | |
| Debenture balance..... | 4,804.20 | 2,168,416.75 | 300,000.00 | 5,413.96 |
| Accounts payable..... | 6.87 | 95,274.42 | 16,405.35 | 237.85 |
| Bank overdraft..... | | 18,187.11 | | |
| Other liabilities..... | 467.87 | 61,902.29 | 21,833.60 | |
| Total liabilities..... | 5,278.94 | 2,343,780.57 | 338,238.95 | 5,651.81 |
| RESERVES | | | | |
| For equity in H-E.P.C. systems..... | 14,372.01 | 1,493,643.75 | 379,377.22 | 2,536.28 |
| For depreciation..... | 7,229.71 | 2,011,253.20 | 104,142.29 | 4,575.00 |
| Other reserves..... | | 510,036.92 | 17,882.33 | |
| Total reserves..... | 21,601.72 | 4,014,933.87 | 501,401.84 | 7,111.28 |
| SURPLUS | | | | |
| Debentures paid..... | 5,845.80 | 1,961,522.80 | 367,650.00 | 4,586.04 |
| Local sinking fund..... | | 817,554.52 | 93,425.70 | |
| Operating surplus..... | 12,912.06 | 2,795,848.45 | 111,985.33 | 10,847.00 |
| Total surplus..... | 18,757.86 | 5,574,925.77 | 573,061.03 | 15,433.04 |
| Total liabilities, reserves and surplus..... | 45,638.52 | 11,933,640.21 | 1,412,701.82 | 28,196.13 |
| Percentage of net debt to total assets..... | 16.9 | 15.9 | 26.0 | 22.0 |

“A”—Concluded

Hydro Municipalities as at December 31, 1936

NORTHERN ONTARIO PROPERTIES—
SUDBURY DISTRICT

| Port Arthur 20,352 | THUNDER BAY SYSTEM SUMMARY | Capreol 1,750 | Sudbury 20,079 | SUDBURY DISTRICT SUMMARY | ALL SYSTEMS GRAND SUMMARY |
|-----------------------|-------------------------------------|------------------|-------------------|--------------------------------|------------------------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 429,107.94 | 478,250.59 | 450.00 | 26,000.00 | 26,450.00 | 10,528,595.34 |
| 240,640.36 | 364,189.69 | 9,527.32 | 35,000.00 | 44,527.32 | 22,162,208.03 |
| 459,923.46 | 624,806.34 | 11,918.59 | 269,145.15 | 281,063.74 | 22,163,701.17 |
| | | | | | 6,070,337.02 |
| 70,801.13 | 141,068.64 | 3,099.39 | 51,743.43 | 54,842.82 | 9,845,939.94 |
| 88,197.53 | 155,761.87 | 4,605.65 | 72,465.85 | 77,071.50 | 9,043,615.65 |
| 77,655.27 | 114,242.46 | 818.96 | 63,924.98 | 64,743.94 | 2,527,188.03 |
| | | | | | 1,504,596.77 |
| 32,404.48 | 38,922.05 | 864.60 | 5,524.77 | 6,389.37 | 4,019,430.59 |
| 324,027.37 | 324,027.37 | | | | 496,186.33 |
| | 293,762.46 | | | | 4,876,405.43 |
| | | | | | 200,000.00 |
| 1,722,757.54 | 2,535,031.47 | 31,284.51 | 523,804.18 | 555,088.69 | 93,438,204.30 |
| | | | | | |
| 63,246.95 | 125,915.55 | 676.62 | 63,291.41 | 63,968.03 | 3,921,121.28 |
| 737,044.69 | 795,976.71 | | | | 2,924,913.30 |
| 164,811.34 | 195,282.47 | 826.36 | 24,221.66 | 25,048.02 | 4,560,713.55 |
| 16,318.94 | 17,532.01 | 44.66 | 7,762.33 | 7,806.99 | 1,261,843.81 |
| 133,130.18 | 226,555.88 | | | | 9,535,712.83 |
| 1,270,558.91 | 1,652,472.41 | | | | 36,193,874.21 |
| 441.40 | 441.40 | 85.00 | 19,982.53 | 20,067.53 | 203,167.35 |
| 4,108,309.95 | 5,549,207.90 | 32,917.15 | 639,062.11 | 671,979.26 | 152,039,550.63 |
| | | | | | 26,865.94 |
| 4,108,309.95 | 5,549,207.90 | 32,917.15 | 639,062.11 | 671,979.26 | 152,066,416.57 |
| | | | | | |
| 184,718.40 | 490,132.36 | 4,488.61 | 197,767.70 | 202,256.31 | 34,485,507.43 |
| 55,295.43 | 71,938.63 | 9,796.88 | 46,290.74 | 56,087.62 | 2,879,497.45 |
| | | | | | 25,559.95 |
| 750.45 | 22,584.05 | 85.00 | 19,982.53 | 20,067.53 | 3,267,141.59 |
| 240,764.28 | 584,655.04 | 14,370.49 | 264,040.97 | 278,411.46 | 40,657,706.42 |
| | | | | | |
| 1,270,558.91 | 1,652,472.41 | | | | 36,193,874.21 |
| 527,501.02 | 636,218.31 | 1,181.00 | 17,581.75 | 18,762.75 | 19,666,170.18 |
| 73,257.92 | 91,140.25 | | 10,480.54 | 10,480.54 | 2,763,100.40 |
| 1,871,317.85 | 2,379,830.97 | 1,181.00 | 28,062.29 | 29,243.29 | 58,623,144.79 |
| | | | | | |
| 457,381.60 | 829,617.64 | 14,511.39 | 269,570.83 | 284,082.22 | 26,084,294.84 |
| 133,130.18 | 226,555.88 | | | | 9,535,712.83 |
| 1,405,716.04 | 1,528,548.37 | 2,854.27 | 77,388.02 | 80,242.29 | 17,165,557.69 |
| 1,996,227.82 | 2,584,721.89 | 17,365.66 | 346,958.85 | 364,324.51 | 52,785,565.36 |
| 4,108,309.95 | 5,549,207.90 | 32,917.15 | 639,062.11 | 671,979.26 | 152,066,416.57 |
| 3.9 | 9.8 | 43.7 | 41.3 | 41.4 | 28.3 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM

| Municipality..... | Acton | Agincourt | Ailsa Craig 452 | Alvinston | Amherst- burg 2,670 |
|---|-----------|-----------|-----------------------|-----------|---------------------------|
| Population..... | 1,957 | P.V. | | 607 | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 11,070.82 | 4,643.07 | 2,375.12 | 4,122.99 | 20,132.19 |
| Commercial light service..... | 4,712.30 | 1,206.03 | 1,517.17 | 2,485.79 | 6,685.17 |
| Commercial power service..... | 23,535.17 | 1,559.21 | 1,304.46 | 605.72 | 6,680.79 |
| Municipal power..... | 664.70 | | | | |
| Street lighting..... | 1,876.83 | 736.00 | 638.00 | 1,854.00 | 2,379.96 |
| Merchandise..... | 186.52 | | | | |
| Miscellaneous..... | 453.40 | 193.38 | 273.95 | 594.72 | 202.31 |
| Total earnings..... | 42,499.74 | 8,337.69 | 6,108.70 | 9,663.22 | 36,080.42 |
| EXPENSES | | | | | |
| Power purchased..... | 32,663.39 | 5,572.30 | 4,470.65 | 5,725.57 | 21,937.04 |
| Substation operation..... | | | | | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 1,932.95 | 138.58 | 154.20 | 260.66 | 1,449.74 |
| Line transformer maintenance..... | 128.30 | 12.50 | | | 41.47 |
| Meter maintenance..... | 205.21 | 303.95 | 4.20 | 39.60 | 289.33 |
| Consumers' premises expenses..... | | | | | 169.33 |
| Street lighting, operation and main- tenance..... | 415.08 | 27.21 | 64.10 | 95.33 | 400.04 |
| Promotion of business..... | 107.35 | | | | |
| Billing and collecting..... | 656.99 | | 238.03 | 235.77 | 2,035.72 |
| General office, salaries and expenses..... | 609.23 | 401.57 | 56.95 | 95.25 | 1,174.34 |
| Undistributed expenses..... | 141.23 | | 29.47 | 24.81 | 92.64 |
| Truck operation and maintenance..... | 210.14 | | | | 357.93 |
| Interest..... | | 142.28 | | 559.72 | 1,029.55 |
| Sinking fund and principal payments on debentures..... | | 684.18 | | 1,231.05 | 1,532.34 |
| Depreciation..... | 1,408.00 | 408.00 | 459.00 | 663.00 | 2,070.00 |
| Other reserves..... | | | | | |
| Total operating costs and fixed charges..... | 38,477.87 | 7,690.57 | 5,476.60 | 8,930.76 | 32,579.47 |
| Net surplus..... | 4,021.87 | 647.12 | 632.10 | 732.46 | 3,500.95 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 489 | 152 | 132 | 154 | 620 |
| Commercial light service..... | 91 | 26 | 39 | 52 | 119 |
| Power service..... | 15 | 3 | 2 | 2 | 15 |
| Total..... | 595 | 181 | 173 | 208 | 754 |

“B”

Hydro Municipalities for Year Ended December 31, 1936

| Ancaster Twp. | Arkona 408 | Aylmer 1,992 | Ayr 763 | Baden P.V. | Beachville P.V. | Belle River 705 | Blenheim 1,740 |
|------------------|---------------|-----------------|------------|---------------|--------------------|--------------------|-------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 9,026.18 | 2,786.01 | 10,558.95 | 5,369.52 | 4,004.31 | 3,106.21 | 3,862.65 | 9,165.05 |
| 1,740.19 | 1,776.66 | 6,924.88 | 1,871.66 | 1,711.19 | 533.75 | 1,809.65 | 6,749.75 |
| 184.69 | 189.05 | 3,082.65 | 402.69 | 5,548.21 | 10,217.79 | 68.83 | 3,026.80 |
| 300.76 | | 1,013.55 | | | | 1,178.19 | 1,866.51 |
| 1,054.00 | 1,000.00 | 2,427.49 | 1,028.00 | 621.00 | 517.00 | 936.00 | 2,512.00 |
| | 13.44 | 1,238.85 | 14.54 | 106.04 | 194.95 | 153.53 | 166.37 |
| 12,305.82 | 5,765.16 | 25,246.37 | 8,686.41 | 11,990.75 | 14,569.70 | 8,008.85 | 23,486.48 |
| | | | | | | | |
| 7,668.72 | 3,419.70 | 16,015.89 | 5,501.82 | 9,973.61 | 12,666.08 | 4,944.10 | 13,518.05 |
| | | | | | | | |
| 904.78 | 130.15 | 1,501.50 | 611.77 | 198.84 | 102.93 | 209.61 | 755.68 |
| 43.95 | | 45.75 | 4.45 | 45.06 | 1.50 | 140.32 | 51.03 |
| 273.61 | 68.22 | 343.78 | 81.73 | 105.01 | 41.49 | 162.27 | 404.39 |
| | | | | 0.50 | | | 322.50 |
| 142.23 | 36.01 | 279.85 | 111.55 | 147.94 | 67.78 | 103.79 | 525.19 |
| | | 137.67 | | | 11.75 | | |
| 990.97 | 160.28 | 727.06 | 355.06 | 452.68 | 313.88 | 372.45 | 886.99 |
| 505.98 | 72.25 | 728.51 | 36.74 | 97.06 | 138.52 | 375.33 | 1,073.73 |
| 62.75 | 25.85 | 43.18 | 54.30 | 48.84 | 4.55 | 32.42 | 40.95 |
| 472.14 | 546.45 | 1,012.90 | 311.35 | 82.55 | 99.28 | 276.17 | 454.16 |
| 346.70 | 661.34 | 1,504.81 | 404.75 | 242.71 | 258.51 | 464.96 | 567.92 |
| 948.00 | 350.00 | 1,528.00 | 607.00 | 433.00 | 667.00 | 755.00 | 1,498.00 |
| | | | | | | | 65.76 |
| 12,359.83 | 5,470.25 | 23,868.90 | 8,080.52 | 11,827.80 | 14,373.27 | 7,836.42 | 20,164.35 |
| | 294.91 | 1,377.47 | 605.89 | 162.95 | 196.43 | 172.43 | 3,322.13 |
| 54.01 | | | | | | | |
| | | | | | | | |
| 279 | 100 | 663 | 211 | 144 | 137 | 214 | 512 |
| 39 | 36 | 144 | 47 | 38 | 22 | 40 | 124 |
| 5 | 2 | 9 | 4 | 3 | 4 | 2 | 13 |
| 323 | 138 | 816 | 262 | 185 | 163 | 256 | 649 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Blyth | Bolton | Bothwell | Brampton | Brantford |
|--|--------------|--------------|--------------|--------------|--------------|
| Population..... | 632 | 559 | 697 | 5,447 | 31,212 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 3,476.05 | 3,884.52 | 2,697.41 | 39,823.65 | 185,955.84 |
| Commercial light service..... | 1,673.22 | 970.74 | 1,404.70 | 16,705.80 | 69,989.55 |
| Commercial power service..... | 645.55 | 2,396.87 | 746.94 | 17,674.35 | 208,850.21 |
| Municipal power..... | | | 151.84 | 1,993.11 | 25,366.65 |
| Street lighting..... | 1,300.00 | 1,078.24 | 1,293.00 | 5,514.50 | 32,904.95 |
| Merchandise..... | | | | | |
| Miscellaneous..... | 10.30 | 51.39 | 597.27 | 1,360.09 | 5,598.65 |
| Total earnings..... | 7,105.12 | 8,381.76 | 6,891.16 | 83,071.50 | 528,665.85 |
| EXPENSES | | | | | |
| Power purchased..... | 4,358.80 | 4,898.66 | 4,728.22 | 65,813.70 | 364,498.20 |
| Substation operation..... | | | | | 7,889.53 |
| Substation maintenance..... | | | | 271.82 | 461.32 |
| Distribution system, operation and maintenance..... | 189.19 | 377.75 | 73.21 | 3,636.04 | 13,773.32 |
| Line transformer maintenance..... | | | | 285.92 | 597.68 |
| Meter maintenance..... | 71.80 | | 78.42 | 361.03 | 4,075.54 |
| Consumers' premises expenses..... | | | | | 1,215.41 |
| Street lighting, operation and maintenance..... | 124.58 | 69.28 | 147.43 | 425.83 | 4,716.16 |
| Promotion of business..... | | 70.49 | | | 451.11 |
| Billing and collecting..... | 151.61 | | 224.43 | 1,481.18 | 11,320.64 |
| General office, salaries and expenses..... | 84.06 | 525.73 | 141.30 | 1,624.86 | 10,247.95 |
| Undistributed expenses..... | 105.16 | | 2.24 | 184.71 | 2,579.43 |
| Truck operation and maintenance..... | | | | 268.46 | 1,952.76 |
| Interest..... | 376.39 | 245.18 | 160.42 | 400.41 | 9,048.86 |
| Sinking fund and principal payments on debentures..... | 1,155.53 | 623.83 | 202.83 | 2,080.12 | 56,933.63 |
| Depreciation..... | 485.00 | 610.00 | 601.00 | 4,890.00 | 24,451.00 |
| Other reserves..... | | | | 140.00 | 3,000.00 |
| Total operating costs and fixed charges..... | 7,102.12 | 7,420.92 | 6,359.50 | 81,873.08 | 517,212.54 |
| Net surplus..... | 3.00 | 960.84 | 531.66 | 1,198.42 | 11,453.31 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 170 | 165 | 175 | 1,404 | 7,531 |
| Commercial light service..... | 53 | 36 | 50 | 241 | 1,150 |
| Power service..... | 4 | 9 | 7 | 52 | 212 |
| Total..... | 227 | 210 | 232 | 1,697 | 8,893 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| Brantford Twp. | Bridgeport P.V. | Brigden P.V. | Brussels 775 | Burford P.V. | Burgess- ville P.V. | Caledonia 1,351 | Campbell- ville P.V. |
|-------------------|--------------------|-----------------|-----------------|-----------------|---------------------------|--------------------|----------------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 20,934.07 | 4,105.84 | 2,316.33 | 5,142.50 | 4,041.51 | 1,386.19 | 5,823.38 | 1,385.19 |
| 4,235.00 | 838.84 | 1,904.71 | 2,681.71 | 1,098.97 | 660.12 | 4,037.34 | 481.09 |
| 3,027.14 | 322.23 | 686.17 | 761.23 | 1,455.34 | 23.21 | 2,296.42 | ..... |
| 4,092.00 | 654.00 | 789.00 | 1,296.00 | 670.08 | 312.00 | 1,749.46 | 480.00 |
| 681.56 | 14.41 | 164.42 | 166.96 | 233.30 | ..... | 309.46 | 54.04 |
| 32,969.77 | 5,935.32 | 5,860.63 | 10,048.40 | 7,499.20 | 2,381.52 | 14,216.06 | 2,400.32 |
| 18,220.52 | 3,814.62 | 3,759.48 | 5,472.20 | 5,028.48 | 1,696.68 | 8,400.29 | 1,521.01 |
| 467.84 | 12.89 | 336.81 | 366.11 | 133.48 | 42.57 | 1,627.25 | 9.02 |
| 21.89 | 1.17 | 73.75 | ..... | ..... | 11.85 | 242.90 | ..... |
| 246.21 | ..... | 57.48 | 139.39 | 99.18 | ..... | 353.96 | ..... |
| 0.40 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 634.79 | 113.11 | 107.43 | 181.67 | 65.01 | 43.78 | 362.23 | 13.50 |
| 1,777.75 | 257.75 | 356.04 | ..... | 418.49 | 61.30 | 664.78 | ..... |
| 1,709.44 | 93.11 | 123.73 | 493.31 | 100.15 | 39.35 | 390.49 | 91.22 |
| 10.26 | 15.23 | 24.10 | 12.17 | 17.13 | 0.65 | 48.97 | ..... |
| 894.83 | 534.12 | 17.60 | 612.29 | ..... | 30.79 | 91.81 | 182.21 |
| 3,910.96 | 670.23 | 317.11 | 1,145.05 | ..... | ..... | 286.40 | 306.32 |
| 2,686.00 | 571.00 | 391.00 | 638.00 | 519.00 | 218.00 | 760.00 | 129.00 |
| 25.00 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 30,605.89 | 6,083.23 | 5,564.53 | 9,060.19 | 6,380.92 | 2,144.97 | 13,229.08 | 2,252.28 |
| 2,363.88 | ..... | 296.10 | 988.21 | 1,118.28 | 236.55 | 986.98 | 148.04 |
| ..... | 147.91 | ..... | ..... | ..... | ..... | ..... | ..... |
| 865 | 132 | 110 | 224 | 187 | 52 | 379 | 46 |
| 53 | 18 | 43 | 65 | 30 | 18 | 90 | 9 |
| 5 | 4 | 5 | 2 | 2 | 1 | 7 | ..... |
| 923 | 154 | 158 | 291 | 219 | 71 | 476 | 55 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Cayuga | Chatham | Chippawa | Clifford | Clinton |
|--|--------------|--------------|--------------|--------------|--------------|
| Population..... | 700 | 15,957 | 1,195 | 423 | 1,873 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 3,702. 14 | 86,112. 09 | 7,904. 93 | 2,314. 12 | 12,134. 92 |
| Commercial light service..... | 3,198. 68 | 73,314. 01 | 1,934. 56 | 1,642. 52 | 6,538. 51 |
| Commercial power service..... | 1,088. 27 | 56,398. 94 | 171. 66 | 389. 19 | 4,156. 07 |
| Municipal power..... | | 6,856. 57 | 1,141. 08 | | 967. 78 |
| Street lighting..... | 1,441. 50 | 19,241. 60 | 1,295. 65 | 846. 48 | 2,014. 86 |
| Merchandise..... | | 532. 93 | | | 574. 86 |
| Miscellaneous..... | 34. 14 | 3,191. 92 | 100. 63 | 16. 96 | 1,162. 87 |
| Total earnings..... | 9,464. 73 | 245,648. 06 | 12,548. 51 | 5,209. 27 | 27,549. 87 |
| EXPENSES | | | | | |
| Power purchased..... | 4,841. 45 | 132,371. 12 | 6,218. 91 | 3,543. 81 | 15,509. 06 |
| Substation operation..... | | 7,047. 27 | | | 125. 08 |
| Substation maintenance..... | | 1,721. 91 | | | |
| Distribution system, operation and maintenance..... | 239. 89 | 3,736. 69 | 897. 30 | 119. 78 | 547. 35 |
| Line transformer maintenance..... | 29. 50 | 1,123. 20 | 64. 96 | | |
| Meter maintenance..... | 68. 28 | 5,292. 81 | 300. 67 | | 161. 19 |
| Consumers' premises expenses..... | | 392. 06 | | | |
| Street lighting, operation and maintenance..... | 189. 39 | 3,946. 09 | 332. 21 | 95. 28 | 262. 18 |
| Promotion of business..... | 1. 23 | 2,697. 36 | | | |
| Billing and collecting..... | 636. 75 | 9,861. 36 | 435. 26 | 277. 21 | 785. 21 |
| General office, salaries and expenses..... | 411. 66 | 15,146. 24 | 512. 09 | 87. 91 | 2,000. 91 |
| Undistributed expenses..... | 34. 45 | 3,175. 90 | 101. 78 | | 89. 60 |
| Truck operation and maintenance..... | | 1,970. 49 | | | 147. 46 |
| Interest..... | 594. 67 | 10,254. 48 | 746. 67 | 351. 41 | 2,062. 50 |
| Sinking fund and principal payments on debentures..... | 1,033. 66 | 18,693. 17 | 468. 05 | 199. 03 | 972. 49 |
| Depreciation..... | 595. 00 | 17,006. 42 | 965. 00 | 315. 00 | 2,117. 00 |
| Other reserves..... | | 6,740. 58 | | | |
| Total operating costs and fixed charges..... | 8,676. 93 | 241,177. 15 | 11,042. 90 | 4,989. 43 | 24,780. 03 |
| Net surplus..... | 787. 80 | 4,470. 91 | 1,505. 61 | 219. 84 | 2,769. 84 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 140 | 3,829 | 308 | 103 | 510 |
| Commercial light service..... | 58 | 761 | 47 | 38 | 130 |
| Power service..... | 6 | 107 | 3 | 1 | 15 |
| Total..... | 204 | 4,697 | 358 | 142 | 655 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| Comber | Cottam | Courtright | Dashwood | Delaware | Dorchester | Drayton | Dresden |
|----------|----------|------------|----------|----------|------------|----------|-----------|
| P.V. | P.V. | 283 | P.V. | P.V. | P.V. | 568 | 1,509 |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 2,136.98 | 2,476.24 | 1,474.14 | 1,429.61 | 1,479.43 | 2,346.75 | 3,100.20 | 6,334.26 |
| 2,294.01 | 1,205.08 | 1,000.80 | 907.25 | 611.39 | 868.85 | 1,985.09 | 5,002.54 |
| 3,313.66 | 370.96 | | 1,184.60 | | 550.57 | 1,137.12 | 3,929.57 |
| | | 763.24 | | | | | 456.54 |
| 660.00 | 480.00 | 774.00 | 451.00 | 264.00 | 670.00 | 843.33 | 1,864.32 |
| | | | | | | | 457.67 |
| 113.25 | 136.36 | 52.11 | 109.39 | 130.06 | 135.13 | 239.72 | 345.58 |
| 8,517.90 | 4,668.64 | 4,064.29 | 4,081.85 | 2,484.88 | 4,571.30 | 7,305.46 | 18,390.48 |
| | | | | | | | |
| 5,565.21 | 2,444.83 | 2,388.48 | 3,185.04 | 1,459.27 | 3,117.21 | 4,818.64 | 11,701.92 |
| | | | | | | | |
| 288.94 | 28.71 | 276.69 | 88.61 | 66.98 | 13.99 | 213.58 | 2,257.21 |
| 49.50 | | | | | | | |
| 121.78 | 12.05 | | 7.30 | | | | 244.90 |
| | | | | | | | |
| 92.88 | 46.03 | 60.40 | | 7.28 | 91.95 | 125.55 | 262.77 |
| | | | | | | | 48.00 |
| 204.99 | | 168.69 | 115.88 | 131.42 | 166.12 | | 604.09 |
| 212.04 | 417.07 | 25.12 | 32.52 | 39.77 | 22.43 | 286.99 | 864.81 |
| 19.21 | | 31.32 | 1.19 | | | | 7.04 |
| | | | | | | | 214.53 |
| 58.40 | 335.22 | 135.01 | 104.90 | 94.89 | 109.59 | 370.14 | |
| | | | | | | | |
| 172.64 | 417.92 | 706.81 | 131.00 | 166.76 | 171.70 | 342.99 | |
| | | | | | | | |
| 482.00 | 393.00 | 243.00 | 231.00 | 168.00 | 387.00 | 576.00 | 880.00 |
| | | | | | | | |
| | | | | | | | |
| 7,267.59 | 4,094.83 | 4,035.52 | 3,897.44 | 2,134.37 | 4,079.99 | 6,733.89 | 17,085.27 |
| 1,250.31 | 573.81 | 28.77 | 184.41 | 350.51 | 491.31 | 571.57 | 1,305.21 |
| | | | | | | | |
| | | | | | | | |
| 97 | 109 | 59 | 70 | 54 | 129 | 155 | 385 |
| 47 | 29 | 26 | 30 | 19 | 27 | 50 | 112 |
| 3 | 1 | 1 | 2 | | 2 | 4 | 10 |
| 147 | 139 | 86 | 102 | 73 | 158 | 209 | 507 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Drumbo | Dublin | Dundas | Dunnville | Dutton |
|--|--------------|--------------|--------------|--------------|--------------|
| Population..... | P.V. | P.V. | 5,062 | 3,938 | 810 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 2,056.83 | 1,385.20 | 21,718.03 | 13,463.00 | 3,193.72 |
| Commercial light service..... | 835.28 | 793.68 | 11,094.35 | 12,822.59 | 2,509.30 |
| Commercial power service..... | 750.36 | 270.71 | 21,743.27 | 11,025.29 | 3,476.07 |
| Municipal power..... | | | 410.97 | 2,520.06 | |
| Street lighting..... | 522.50 | 700.00 | 5,508.00 | 3,673.56 | 1,021.44 |
| Merchandise..... | | | | | |
| Miscellaneous..... | 70.17 | | 199.76 | 693.59 | 170.01 |
| Total earnings..... | 4,235.14 | 3,149.59 | 60,674.38 | 44,198.09 | 10,370.54 |
| EXPENSES | | | | | |
| Power purchased..... | 2,375.20 | 2,041.73 | 40,157.96 | 26,830.63 | 7,459.89 |
| Substation operation..... | | | 269.06 | 594.93 | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 210.89 | 112.01 | 4,220.71 | 1,975.11 | 449.14 |
| Line transformer maintenance..... | | | 32.04 | 25.05 | 30.76 |
| Meter maintenance..... | 21.56 | 74.42 | 776.69 | 659.30 | 112.58 |
| Consumers' premises expenses..... | | | | | |
| Street lighting, operation and maintenance..... | 51.08 | 155.74 | 667.24 | 354.48 | 183.54 |
| Promotion of business..... | | | | 35.20 | |
| Billing and collecting..... | 185.78 | 99.07 | 1,181.97 | 846.89 | 343.67 |
| General office, salaries and expenses..... | 89.66 | 68.33 | 1,836.17 | 1,228.03 | 154.20 |
| Undistributed expenses..... | 1.29 | 17.07 | 378.88 | 91.74 | 23.67 |
| Truck operation and maintenance..... | | | 647.67 | 225.95 | |
| Interest..... | 104.03 | 50.00 | 1,027.92 | 2,401.73 | |
| Sinking fund and principal payments on debentures..... | 188.70 | 396.66 | 2,431.85 | 2,947.26 | |
| Depreciation..... | 308.00 | 305.00 | 4,445.00 | 3,455.00 | 602.00 |
| Other reserves..... | | | 491.49 | | 13.82 |
| Total operating costs and fixed charges..... | 3,536.19 | 3,320.03 | 58,564.65 | 41,671.30 | 9,373.27 |
| Net surplus..... | 698.95 | | 2,109.73 | 2,526.79 | 997.27 |
| Net loss..... | | 170.44 | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 85 | 46 | 1,202 | 851 | 208 |
| Commercial light service..... | 23 | 21 | 181 | 220 | 66 |
| Power service..... | 1 | 2 | 37 | 24 | 8 |
| Total..... | 109 | 69 | 1,420 | 1,095 | 282 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| East York Twp. | Elmira 2,352 | Elora 1,143 | Embro 434 | Erieau 286 | Erie Beach 26 | Essex 1,748 | Etobicoke Twp. |
|-------------------|-----------------|----------------|--------------|---------------|------------------|----------------|-------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 192,880.12 | 17,436.14 | 7,648.43 | 2,843.19 | 3,838.45 | 1,613.89 | 7,807.69 | 127,981.44 |
| 26,828.11 | 7,119.56 | 3,685.24 | 1,577.02 | 1,371.26 | 318.35 | 5,910.84 | 18,317.97 |
| 30,307.59 | 5,917.16 | 2,931.26 | 1,203.93 | 564.66 | | 5,823.85 | 14,423.46 |
| 5,739.51 | 894.72 | | | | | 1,712.93 | 4,331.88 |
| 19,564.98 | 1,834.00 | 1,687.92 | 672.50 | 378.00 | | 2,454.18 | 13,492.44 |
| | | 165.83 | | | | | |
| 334.92 | 772.52 | 430.12 | 80.14 | 27.07 | 9.36 | 340.08 | 553.16 |
| 275,655.23 | 33,974.10 | 16,548.80 | 6,376.78 | 6,179.44 | 1,941.60 | 24,049.57 | 179,100.35 |
| 170,997.92 | 20,155.69 | 9,605.75 | 4,019.80 | 3,277.59 | 911.85 | 13,873.43 | 109,537.94 |
| 7,941.52 | 1,243.89 | 2,081.60 | 83.66 | 120.40 | 74.51 | 165.38 | 6,006.34 |
| 725.58 | | 53.71 | | 17.68 | | 69.19 | 266.39 |
| 4,492.21 | 273.09 | 54.04 | | 42.07 | 21.30 | 475.02 | 1,143.63 |
| 1,124.78 | 25.92 | | | 8.73 | | 1.60 | |
| 2,893.33 | 127.62 | 160.44 | 158.92 | 48.97 | | 236.31 | 1,111.03 |
| 88.43 | 8.10 | | 38.00 | | | 95.56 | |
| 13,334.20 | 664.85 | 753.78 | 299.23 | 381.79 | 151.97 | 1,041.33 | 4,957.03 |
| 11,885.22 | 1,067.01 | 535.59 | 203.51 | 210.23 | 6.63 | 1,214.33 | 4,251.17 |
| 1,873.11 | 65.18 | 254.75 | 2.10 | 7.08 | | 159.92 | 1,653.34 |
| 195.21 | 259.36 | 94.66 | | | | 335.75 | 1,168.52 |
| 13,478.40 | 1,161.35 | 113.35 | 137.91 | 231.79 | 137.53 | 991.29 | 13,535.19 |
| 16,454.92 | 1,851.85 | 850.86 | 517.94 | 387.04 | 151.53 | 559.77 | 9,580.10 |
| 13,946.00 | 2,159.00 | 1,172.00 | 535.00 | 382.00 | 83.00 | 1,878.00 | 12,000.00 |
| 600.00 | | | | 20.53 | | 65.13 | |
| 260,030.83 | 29,062.91 | 15,730.53 | 5,996.07 | 5,135.90 | 1,538.32 | 21,162.01 | 165,210.68 |
| 15,624.40 | 4,911.19 | 818.27 | 380.71 | 1,043.54 | 403.28 | 2,887.56 | 13,889.67 |
| 9,319 | 519 | 317 | 101 | 171 | 69 | 454 | 3,705 |
| 397 | 119 | 71 | 44 | 13 | 3 | 118 | 240 |
| 33 | 22 | 2 | 1 | 2 | | 18 | 28 |
| 9,749 | 660 | 390 | 146 | 186 | 72 | 590 | 3,973 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Exeter | Fergus | Fonthill | Forest |
|--|--------------|--------------|--------------|--------------|
| Population..... | 1,658 | 2,623 | 800 | 1,475 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 11,102.39 | 17,357.08 | 4,893.25 | 10,787.73 |
| Commercial light service..... | 5,261.66 | 6,739.37 | 1,368.12 | 5,561.16 |
| Commercial power service..... | 3,268.06 | 15,368.25 | 331.24 | 3,746.18 |
| Municipal power..... | 513.95 | 782.56 | 238.47 | 1,016.39 |
| Street lighting..... | 2,677.50 | 2,796.21 | 1,065.00 | 2,321.00 |
| Merchandise..... | 213.32 | | | 197.01 |
| Miscellaneous..... | 837.51 | 51.88 | | 730.50 |
| Total earnings..... | 23,874.39 | 43,095.35 | 7,896.08 | 24,359.97 |
| EXPENSES | | | | |
| Power purchased..... | 14,455.57 | 31,860.89 | 3,792.33 | 14,957.46 |
| Substation operation..... | | | | |
| Substation maintenance..... | | | | |
| Distribution system, operation and maintenance..... | 546.74 | 941.93 | 314.22 | 1,554.44 |
| Line transformer maintenance..... | 42.28 | 204.91 | 32.17 | |
| Meter maintenance..... | 145.96 | 312.85 | 3.15 | 191.67 |
| Consumers' premises expenses..... | | 48.20 | | 162.63 |
| Street lighting, operation and maintenance..... | 283.99 | 502.36 | 181.79 | 284.42 |
| Promotion of business..... | | 27.44 | | 347.34 |
| Billing and collecting..... | 691.34 | 756.98 | 609.44 | 806.55 |
| General office, salaries and expenses..... | 1,822.18 | 864.95 | 101.98 | 1,825.35 |
| Undistributed expenses..... | 62.09 | 186.51 | | 179.31 |
| Truck operation and maintenance..... | | 369.66 | | 131.80 |
| Interest..... | 328.04 | 847.68 | 862.02 | 479.45 |
| Sinking fund and principal payments on debentures..... | 1,111.86 | 1,216.12 | 1,195.05 | 896.67 |
| Depreciation..... | 1,587.00 | 1,763.00 | 528.00 | 1,499.00 |
| Other reserves..... | | | | |
| Total operating costs and fixed charges..... | 21,077.05 | 39,903.48 | 7,620.15 | 23,316.09 |
| Net surplus..... | 2,797.34 | 3,191.87 | 275.93 | 1,043.88 |
| Net loss..... | | | | |
| NUMBER OF CONSUMERS | | | | |
| Domestic service..... | 449 | 653 | 211 | 448 |
| Commercial light service..... | 117 | 113 | 27 | 115 |
| Power service..... | 9 | 14 | 4 | 21 |
| Total..... | 575 | 780 | 242 | 584 |

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1936

| Galt 13,958 | George- town 2,283 | Glencoe 903 | Goderich 4,344 | Granton P.V. | Guelph 21,173 | Hagers- ville 1,374 | Hamilton 154,020 |
|----------------|--------------------------|----------------|-------------------|-----------------|------------------|---------------------------|---------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 93,324.57 | 16,368.27 | 5,278.55 | 32,328.48 | 1,943.51 | 117,459.78 | 5,263.50 | 942,647.88 |
| 41,829.74 | 6,479.99 | 3,283.93 | 15,963.03 | 1,037.98 | 53,174.08 | 4,897.97 | 414,503.05 |
| 99,949.16 | 24,092.99 | 1,816.25 | 9,645.17 | 785.37 | 116,674.83 | 12,336.54 | 1,751,527.34 |
| 5,513.54 | 720.58 | 1,402.39 | 3,157.85 | | 12,753.71 | | 77,988.58 |
| 14,660.43 | 2,349.74 | 1,956.18 | 3,814.00 | 370.00 | 18,664.54 | 2,038.33 | 123,850.05 |
| 1,565.17 | | | 47.67 | | 813.43 | | |
| 3,377.88 | 1,078.90 | 308.17 | 277.40 | 208.34 | 1,193.66 | 727.35 | 43,743.57 |
| 260,220.49 | 51,090.47 | 14,045.47 | 65,233.60 | 4,345.20 | 320,734.03 | 25,263.69 | 3,354,260.47 |
| 167,745.03 | 37,412.24 | 9,230.54 | 39,468.05 | 2,755.55 | 230,761.70 | 19,192.07 | 2,264,079.32 |
| 3,870.37 | | | 1,830.41 | | | | 60,322.22 |
| 39.35 | | | | | 2,508.83 | | 4,381.56 |
| 3,206.34 | 1,165.99 | 123.74 | 2,265.69 | 164.36 | 10,751.98 | 2,070.04 | 28,141.56 |
| 503.25 | 71.73 | | 51.92 | | 354.13 | 141.15 | 2,571.68 |
| 2,398.64 | 381.59 | 71.09 | 677.47 | 58.38 | 3,870.48 | 292.16 | 22,784.26 |
| 117.51 | | 66.10 | | | 1,242.06 | | 14,891.05 |
| 3,125.01 | 384.96 | 141.54 | 638.40 | 31.76 | 5,258.10 | 439.12 | 13,368.98 |
| 2,309.96 | | 17.14 | 5.82 | | 1,693.53 | | 18,605.68 |
| 4,018.89 | 1,701.74 | 409.26 | 2,075.15 | 252.62 | 5,918.97 | 675.23 | 54,724.30 |
| 6,413.77 | 1,016.19 | 565.51 | 1,757.23 | 65.49 | 13,374.12 | 652.34 | 47,792.21 |
| 1,574.36 | 216.93 | 210.28 | 158.94 | 1.43 | 1,196.35 | 68.55 | 35,582.51 |
| 403.92 | 680.40 | | 233.43 | | 2,556.40 | 426.70 | |
| 11,758.97 | 541.36 | 353.77 | 2,346.76 | 113.09 | 250.00 | 122.47 | 170,950.38 |
| 19,517.08 | 911.62 | 1,152.47 | 2,590.41 | 141.94 | 105.10 | 264.17 | 286,886.01 |
| 24,165.00 | 2,217.00 | 1,061.00 | 5,778.00 | 264.00 | 17,432.00 | 1,210.00 | 135,951.94 |
| | | | | | 698.85 | | 20,801.69 |
| 251,167.45 | 46,701.75 | 13,402.44 | 59,877.68 | 3,848.62 | 297,972.60 | 25,554.00 | 3,181,835.35 |
| 9,053.04 | 4,388.72 | 643.03 | 5,355.92 | 496.58 | 22,761.43 | | 172,425.12 |
| | | | | | | 290.31 | |
| 3,657 | 730 | 216 | 1,194 | 82 | 5,155 | 335 | 37,842 |
| 498 | 131 | 81 | 228 | 34 | 799 | 108 | 5,020 |
| 103 | 29 | 6 | 20 | 1 | 137 | 14 | 1,258 |
| 4,258 | 890 | 303 | 1,442 | 117 | 6,091 | 457 | 44,120 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Harriston | Harrow | Hensall | Hespeler | Highgate |
|--|-----------|-----------|-----------|-----------|----------|
| Population..... | 1,325 | 933 | 702 | 2,877 | 334 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 7,621.37 | 8,086.14 | 4,217.41 | 16,378.19 | 1,681.07 |
| Commercial light service..... | 4,858.78 | 4,226.32 | 1,906.39 | 6,010.46 | 893.68 |
| Commercial power service..... | 5,393.34 | 4,413.83 | 2,554.46 | 43,038.09 | 1,203.68 |
| Municipal power..... | 471.01 | | | 1,568.44 | 38.90 |
| Street lighting..... | 1,539.00 | 1,308.66 | 996.00 | 3,107.00 | 567.00 |
| Merchandise..... | | | | 682.94 | |
| Miscellaneous..... | 53.21 | 166.00 | 356.38 | | 117.28 |
| Total earnings..... | 19,936.71 | 18,200.95 | 10,030.64 | 70,785.12 | 4,501.61 |
| EXPENSES | | | | | |
| Power purchased..... | 12,073.50 | 13,698.90 | 6,621.89 | 50,692.07 | 2,843.72 |
| Substation operation..... | | | | 411.91 | |
| Substation maintenance..... | | | | 48.82 | |
| Distribution system, operation and maintenance..... | 1,666.83 | 46.04 | 435.94 | 3,469.62 | 43.02 |
| Line transformer maintenance..... | | 25.73 | | 75.36 | |
| Meter maintenance..... | 72.68 | 326.95 | 0.75 | 104.90 | 63.08 |
| Consumers' premises expenses..... | | 144.48 | | | |
| Street lighting, operation and maintenance..... | 301.33 | 111.69 | 114.02 | 380.32 | 77.68 |
| Promotion of business..... | | | | | |
| Billing and collecting..... | 752.39 | 482.96 | 257.25 | 866.27 | 299.97 |
| General office, salaries and expenses..... | 348.32 | 363.24 | 526.41 | 1,238.11 | 144.25 |
| Undistributed expenses..... | 39.82 | 5.28 | 46.62 | 483.89 | 16.51 |
| Truck operation and maintenance..... | 79.54 | | | 450.34 | |
| Interest..... | 428.43 | 402.61 | 347.43 | 1,639.15 | |
| Sinking fund and principal payments on debentures..... | 591.78 | 619.24 | 519.30 | 2,093.12 | |
| Depreciation..... | 1,085.00 | 809.00 | 703.00 | 2,705.00 | 376.00 |
| Other reserves..... | | 41.21 | | 200.00 | |
| Total operating costs and fixed charges..... | 17,439.62 | 17,077.33 | 9,572.61 | 64,858.88 | 3,864.23 |
| Net surplus..... | 2,497.09 | 1,123.62 | 458.03 | 5,926.24 | 637.38 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 340 | 259 | 186 | 720 | 98 |
| Commercial light service..... | 102 | 76 | 55 | 106 | 34 |
| Power service..... | 14 | 5 | 13 | 29 | 6 |
| Total..... | 456 | 340 | 254 | 855 | 138 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| Humberstone 2,532 | Ingersoll 5,158 | Jarvis 495 | Kingsville 2,125 | Kitchener 31,933 | Lambeth P.V. | La Salle 687 | Leamington 5,020 |
|----------------------|--------------------|---------------|---------------------|---------------------|-----------------|-----------------|---------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 9,483.79 | 32,553.65 | 2,527.92 | 14,386.98 | 202,274.36 | 3,237.04 | 6,326.32 | 29,256.31 |
| 3,552.98 | 15,887.71 | 1,910.26 | 6,656.59 | 109,653.19 | 1,368.21 | 1,398.45 | 15,821.28 |
| 3,645.81 | 28,586.67 | 3,870.22 | 3,440.79 | 247,139.19 | | 2,434.27 | 17,960.05 |
| | 2,055.58 | | 1,318.21 | 22,107.97 | 567.42 | | 3,701.37 |
| 1,449.50 | 4,583.14 | 770.00 | 2,832.00 | 32,589.82 | 607.82 | 495.00 | 5,473.48 |
| | 319.57 | | | | | | |
| 255.60 | 585.81 | 33.13 | 1,169.07 | 7,363.69 | 101.37 | 114.51 | 1,771.31 |
| 18,387.68 | 84,572.13 | 9,111.53 | 29,803.64 | 621,128.22 | 5,881.86 | 10,768.55 | 73,983.80 |
| 10,321.41 | 60,139.35 | 6,597.84 | 16,672.68 | 452,542.05 | 4,042.24 | 6,582.93 | 46,415.49 |
| | 321.73 | | | 6,393.71 | | | |
| | | | | 4,822.40 | | | |
| 1,232.79 | 3,569.65 | 56.33 | 1,296.53 | 12,433.84 | 217.41 | 630.53 | 2,330.35 |
| | 618.60 | | 138.75 | 653.97 | | 84.09 | |
| 106.00 | 396.23 | 20.95 | 584.44 | 5,497.41 | 5.70 | 236.36 | 397.84 |
| | 243.00 | | 199.58 | 1,883.64 | | | 22.75 |
| 231.07 | 502.88 | 50.06 | 401.19 | 7,617.86 | 68.30 | | 786.20 |
| | 474.98 | 6.36 | | 710.18 | | | |
| 657.41 | 1,952.82 | 522.22 | 1,470.68 | 14,044.64 | 285.12 | 369.70 | 1,725.00 |
| 111.45 | 3,857.03 | 52.49 | 1,261.83 | 14,742.42 | 30.00 | 375.73 | 2,900.27 |
| 39.49 | 272.95 | 19.39 | 387.59 | 3,460.54 | 1.90 | 54.24 | 614.85 |
| 154.50 | 407.24 | | 341.52 | 2,276.43 | | | 355.31 |
| 890.13 | 3,552.48 | 236.03 | 1,629.32 | 8,195.54 | 13.89 | 598.30 | 1,707.85 |
| 1,500.00 | | 572.53 | 804.38 | 17,083.90 | | 754.59 | 2,477.01 |
| 1,025.00 | 4,001.00 | 442.00 | 2,080.00 | 33,825.00 | 372.00 | 905.00 | 3,734.00 |
| | | | | | | 35.00 | 57.40 |
| 16,269.25 | 80,309.94 | 8,576.20 | 27,268.49 | 586,183.53 | 5,036.56 | 10,626.47 | 63,524.32 |
| 2,118.43 | 4,262.19 | 535.33 | 2,535.15 | 34,944.69 | 845.30 | 142.08 | 10,459.48 |
| 575 | 1,340 | 134 | 600 | 7,357 | 118 | 185 | 1,369 |
| 50 | 240 | 43 | 150 | 1,009 | 27 | 14 | 254 |
| 4 | 42 | 4 | 13 | 234 | 1 | 3 | 28 |
| 629 | 1,622 | 181 | 763 | 8,600 | 146 | 202 | 1,651 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Listowel | London | London Twp. | Long Branch | Lucan |
|---|-----------|--------------|----------------|----------------|----------|
| Population..... | 2,798 | 75,484 | | 3,746 | 643 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 17,615.10 | 570,951.81 | 12,142.83 | 26,412.78 | 4,475.79 |
| Commercial light service..... | 9,612.26 | 202,687.56 | 2,397.36 | 6,427.80 | 1,755.49 |
| Commercial power service..... | 12,741.91 | 355,382.27 | 1,900.28 | 1,399.10 | 462.39 |
| Municipal power..... | 1,487.34 | 63,998.08 | | 1,079.40 | |
| Street lighting..... | 3,840.60 | 55,101.23 | 870.50 | 3,823.04 | 994.02 |
| Merchandise..... | 4.71 | 2,134.25 | | | |
| Miscellaneous..... | 1,220.96 | 35,117.41 | 390.08 | 59.70 | 288.44 |
| Total earnings..... | 46,522.88 | 1,285,372.61 | 17,701.05 | 39,201.82 | 7,976.13 |
| EXPENSES | | | | | |
| Power purchased..... | 31,405.14 | 809,158.40 | 12,506.86 | 20,684.61 | 4,572.65 |
| Substation operation..... | 81.96 | 15,316.88 | | | |
| Substation maintenance..... | | 12,897.00 | | | |
| Distribution system, operation and maintenance..... | 1,918.16 | 22,475.73 | 628.84 | 2,465.79 | 789.97 |
| Line transformer maintenance..... | 33.83 | 4,071.04 | | 43.30 | |
| Meter maintenance..... | 172.01 | 19,365.77 | 161.24 | 354.02 | 56.06 |
| Consumers' premises expenses..... | | 5,585.11 | | | |
| Street lighting, operation and main- tenance..... | 832.63 | 10,144.37 | 224.22 | 491.55 | 89.36 |
| Promotion of business..... | 52.31 | 27,920.03 | 214.28 | | |
| Billing and collecting..... | 795.83 | 28,660.43 | 435.34 | 1,733.17 | 631.72 |
| General office, salaries and expenses..... | 1,639.87 | 41,933.37 | 786.43 | 2,038.00 | 318.29 |
| Undistributed expenses..... | 147.40 | 7,479.74 | 5.60 | 577.15 | 46.89 |
| Truck operation and maintenance..... | 169.83 | 2,598.53 | | | |
| Interest..... | 255.06 | 39,438.43 | 370.80 | 1,243.53 | 188.36 |
| Sinking fund and principal payments on debentures..... | 896.71 | 71,745.75 | 593.65 | 2,228.90 | 299.53 |
| Depreciation..... | 2,896.00 | 102,937.10 | 832.00 | 2,427.00 | 710.00 |
| Other reserves..... | | 8,294.72 | | | |
| Total operating costs and fixed charges..... | 41,296.74 | 1,230,022.40 | 16,759.26 | 34,287.02 | 7,702.83 |
| Net surplus..... | 5,226.14 | 55,350.21 | 941.79 | 4,914.80 | 273.30 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 745 | 17,686 | 372 | 1,179 | 168 |
| Commercial light service..... | 156 | 2,144 | 21 | 115 | 45 |
| Power service..... | 19 | 447 | 4 | 5 | 6 |
| Total..... | 920 | 20,277 | 397 | 1,299 | 219 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| Lynden | Markham | Merlin | Merritton | Milton | Milverton | Mimico | Mitchell |
|----------|-----------|----------|------------|-----------|-----------|-----------|-----------|
| P.V. | 1,114 | P.V. | 2,530 | 1,739 | 992 | 6,915 | 1,567 |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 2,159.32 | 7,488.53 | 2,129.31 | 12,690.87 | 12,099.94 | 5,476.45 | 58,423.06 | 11,315.97 |
| 925.39 | 2,756.31 | 1,574.81 | 2,715.84 | 5,632.05 | 3,234.59 | 10,466.83 | 5,092.62 |
| 891.84 | 2,483.34 | 1,107.96 | 93,192.85 | 11,529.69 | 2,730.22 | 3,953.24 | 3,698.72 |
| | 467.69 | | | | 550.41 | 7,810.53 | 912.69 |
| 440.00 | 1,344.00 | 645.00 | 3,370.00 | 2,038.91 | 999.00 | 7,047.00 | 2,088.00 |
| | | | | 251.17 | | | 1,278.85 |
| 12.87 | 289.65 | 315.76 | 4.00 | 1,039.72 | 85.99 | | 1,328.00 |
| 4,429.42 | 14,829.52 | 5,772.84 | 111,973.56 | 32,591.48 | 13,076.66 | 87,700.66 | 25,714.85 |
| | | | | | | | |
| 2,898.34 | 8,718.73 | 3,708.46 | 91,055.86 | 22,298.93 | 9,416.35 | 53,746.46 | 14,153.77 |
| | | | 296.11 | 254.86 | | 18.63 | 36.94 |
| | | | | | | | |
| 78.54 | 1,135.15 | 129.87 | 2,288.65 | 1,434.72 | 184.50 | 7,217.35 | 788.95 |
| | 16.40 | 83.93 | 46.77 | | 16.68 | 174.87 | 80.42 |
| 23.60 | 59.70 | 110.18 | 640.72 | 282.79 | 111.54 | 970.67 | 377.16 |
| | 3.00 | | 2.25 | | 62.75 | 131.10 | 17.66 |
| | | | | | | | |
| 29.41 | 122.77 | 125.04 | 618.03 | 321.05 | 88.49 | 1,334.57 | 458.02 |
| | | | | | | | |
| 118.00 | | 260.49 | 954.36 | 806.90 | 677.17 | 1,890.44 | 789.94 |
| 78.95 | 798.83 | 289.85 | 1,200.29 | 1,982.14 | 393.71 | 1,759.63 | 1,755.66 |
| 20.00 | | 1.85 | 231.32 | 74.10 | 161.42 | 264.10 | 546.20 |
| | 339.81 | | 178.33 | 608.33 | | 538.32 | 255.30 |
| 128.22 | 23.99 | 376.92 | 919.99 | 409.74 | 10.14 | 4,126.76 | 7.60 |
| | | | | | | | |
| 181.06 | 436.25 | 800.08 | 1,765.67 | 821.84 | | 6,051.27 | |
| | | | | | | | |
| 304.00 | 856.00 | 399.00 | 2,408.00 | 2,020.23 | 746.00 | 5,845.00 | 3,366.00 |
| | 55.00 | | | | | | |
| | | | | | | | |
| 3,860.12 | 12,565.63 | 6,285.67 | 102,606.35 | 31,315.63 | 11,868.75 | 84,069.17 | 22,633.62 |
| | | | | | | | |
| 569.30 | 2,263.89 | | 9,367.21 | 1,275.85 | 1,207.91 | 3,631.49 | 3,081.23 |
| | | 512.83 | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 85 | 290 | 110 | 640 | 456 | 235 | 1,775 | 447 |
| 19 | 70 | 43 | 67 | 106 | 81 | 138 | 115 |
| 1 | 8 | 1 | 10 | 13 | 7 | 20 | 22 |
| 105 | 368 | 154 | 717 | 575 | 323 | 1,933 | 584 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Moore- field P.V. | Mount Brydges P.V. | Newbury 282 | New Hamburg 1,456 | New Toronto 8,040 |
|---|-------------------------|--------------------------|----------------|-------------------------|-------------------------|
| Population..... | | | | | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 1,195.37 | 2,771.50 | 1,258.85 | 9,408.29 | 37,544.52 |
| Commercial light service..... | 681.64 | 881.51 | 785.29 | 4,302.25 | 16,166.77 |
| Commercial power service..... | 1,246.19 | 933.36 | 785.73 | 5,527.05 | 122,194.69 |
| Municipal power..... | | | | | 12,963.34 |
| Street lighting..... | 350.00 | 547.00 | 705.00 | 2,217.00 | 8,427.62 |
| Merchandise..... | | | | 168.09 | |
| Miscellaneous..... | 18.11 | 333.27 | 18.30 | 240.09 | |
| Total earnings..... | 3,491.31 | 5,466.64 | 3,553.17 | 21,862.77 | 197,296.94 |
| EXPENSES | | | | | |
| Power purchased..... | 2,448.20 | 3,514.18 | 2,146.78 | 13,920.53 | 166,417.40 |
| Substation operation..... | | | | 188.76 | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 39.06 | 116.20 | 108.70 | 569.35 | 4,408.87 |
| Line transformer maintenance..... | | | | 12.21 | 219.68 |
| Meter maintenance..... | | 42.19 | | 332.42 | 784.07 |
| Consumers' premises expenses..... | | | | | 81.71 |
| Street lighting, operation and main- tenance..... | 25.32 | 19.03 | 65.49 | 232.07 | 1,920.21 |
| Promotion of business..... | | | | | |
| Billing and collecting..... | | 187.88 | | 677.45 | 2,973.45 |
| General office, salaries and expenses..... | 129.64 | 119.77 | 135.27 | 968.87 | 5,837.32 |
| Undistributed expenses..... | | 16.32 | 18.14 | 90.70 | 1,395.48 |
| Truck operation and maintenance..... | | | | 185.03 | 619.19 |
| Interest..... | 40.68 | 111.09 | 204.55 | 253.98 | 194.22 |
| Sinking fund and principal payments on debentures..... | 343.73 | 179.33 | 500.00 | 917.44 | 352.24 |
| Depreciation..... | 207.00 | 344.00 | 321.00 | 1,381.00 | 5,785.00 |
| Other reserves..... | | | | | 500.00 |
| Total operating costs and fixed charges..... | 3,233.63 | 4,649.99 | 3,499.93 | 19,729.81 | 191,488.84 |
| Net surplus..... | 257.68 | 816.65 | 53.24 | 2,132.96 | 5,808.10 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 61 | 136 | 70 | 353 | 1,605 |
| Commercial light service..... | 23 | 36 | 27 | 97 | 192 |
| Power service..... | 2 | 3 | 2 | 13 | 34 |
| Total..... | 86 | 175 | 99 | 463 | 1,831 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| Niagara Falls 18,527 | Niagara-on-the-Lake 1,815 | North York Twp. | Norwich 1,163 | Oil Springs 472 | Otterville P.V. | Palmerston 1,410 | Paris 4,324 |
|-------------------------|------------------------------|-----------------|------------------|--------------------|--------------------|---------------------|----------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 150,894.64 | 14,401.87 | 119,894.55 | 8,594.84 | 1,571.85 | 2,326.46 | 9,312.57 | 23,879.14 |
| 60,355.71 | 4,269.72 | 18,836.85 | 3,900.65 | 1,448.26 | 1,790.58 | 4,627.19 | 8,637.45 |
| 65,799.68 | 995.78 | 28,878.18 | 1,593.30 | 7,478.58 | 361.48 | 4,708.92 | 14,129.99 |
| 17,916.58 | 1,967.41 | 5,292.39 | 700.43 | | 114.16 | 1,724.97 | 1,115.33 |
| 27,175.34 | 2,856.96 | 3,817.73 | 2,120.00 | 768.00 | 813.50 | 2,136.38 | 5,510.00 |
| | 644.79 | | 533.51 | | | 39.00 | |
| 60.00 | 402.19 | 2,000.75 | 232.88 | 463.41 | 61.13 | 23.35 | 2,957.74 |
| 322,201.95 | 25,538.72 | 178,720.45 | 17,675.61 | 11,730.10 | 5,467.31 | 22,572.38 | 56,229.65 |
| 185,741.75 | 12,983.74 | 96,774.31 | 11,100.41 | 7,981.04 | 3,682.25 | 14,599.84 | 33,368.48 |
| 9,658.51 | | | | | | 282.94 | 663.97 |
| | | | | | | 148.93 | |
| 6,755.92 | 2,467.91 | 8,194.95 | 1,373.89 | 417.63 | 240.27 | 1,175.17 | 3,359.63 |
| 659.65 | | 410.64 | 9.64 | | 1.80 | 93.29 | 194.70 |
| 5,654.48 | 328.06 | 1,508.47 | 199.58 | 363.95 | 2.00 | 154.73 | 972.40 |
| 1,478.00 | 0.45 | 304.36 | | | | 11.32 | 90.45 |
| 4,817.50 | 820.19 | 630.05 | 230.56 | 49.78 | 93.20 | 418.21 | 949.93 |
| | | | | 89.23 | | | 186.05 |
| 8,238.41 | 936.74 | 4,955.54 | 441.56 | 386.40 | 305.19 | 411.61 | 1,553.97 |
| 9,058.78 | 1,016.49 | 3,847.51 | 448.22 | 190.42 | 87.87 | 545.46 | 1,347.97 |
| 3,987.76 | 90.83 | 2,071.90 | 70.76 | 62.94 | 18.71 | 72.08 | 693.75 |
| 892.12 | 483.01 | 2,818.77 | 109.06 | | | 101.93 | 394.02 |
| 16,132.64 | 1,068.83 | 18,701.03 | 240.40 | 49.40 | | 248.75 | 456.62 |
| 28,839.13 | 1,119.10 | 18,646.06 | 654.44 | 822.44 | | 292.01 | 817.88 |
| 25,260.00 | 1,776.00 | 13,093.00 | 915.00 | 758.00 | 467.00 | 1,283.00 | 5,541.00 |
| | | | | | | | 85.16 |
| 307,174.65 | 23,091.35 | 171,956.59 | 15,793.52 | 11,171.23 | 4,898.29 | 19,839.27 | 50,675.98 |
| 15,027.30 | 2,447.37 | 6,763.86 | 1,882.09 | 558.87 | 569.02 | 2,733.11 | 5,553.67 |
| 4,538 | 485 | 3,350 | 351 | 79 | 115 | 384 | 1,060 |
| 687 | 83 | 282 | 90 | 31 | 43 | 94 | 180 |
| 85 | 10 | 39 | 7 | 33 | 3 | 14 | 23 |
| 5,310 | 578 | 3,671 | 448 | 143 | 161 | 492 | 1,263 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Parkhill | Petrolia | Platts- ville P.V. | Point Edward 1,290 | Port Colborne 5,844 |
|---|--------------|--------------|--------------------------|--------------------------|---------------------------|
| Population..... | 979 | 2,705 | | | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 5,346.70 | 12,156.57 | 2,606.03 | 5,866.98 | 31,354.49 |
| Commercial light service..... | 3,448.26 | 7,071.87 | 1,067.28 | 2,024.66 | 15,449.56 |
| Commercial power service..... | 837.86 | 24,292.03 | 1,067.39 | 29,807.50 | 8,231.90 |
| Municipal power..... | | | | | 7,202.86 |
| Street lighting..... | 1,537.94 | 2,674.00 | 408.00 | 1,602.62 | 7,853.12 |
| Merchandise..... | | 416.49 | | | 655.81 |
| Miscellaneous..... | 28.82 | 1,093.88 | 12.33 | 743.91 | 1,007.39 |
| Total earnings..... | 11,199.58 | 47,704.84 | 5,161.03 | 40,045.67 | 71,755.13 |
| EXPENSES | | | | | |
| Power purchased..... | 7,481.91 | 29,006.82 | 3,071.74 | 35,527.04 | 38,326.01 |
| Substation operation..... | | | | | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 301.88 | 3,113.89 | 7.10 | 226.74 | 2,565.48 |
| Line transformer maintenance..... | | 170.63 | | 100.05 | 136.70 |
| Meter maintenance..... | 35.36 | 656.85 | 11.96 | 174.50 | 715.92 |
| Consumers' premises expenses..... | | | | | |
| Street lighting, operation and main- tenance..... | 121.90 | 393.06 | 18.28 | 198.91 | 1,780.51 |
| Promotion of business..... | | | | | 95.72 |
| Billing and collecting..... | 297.61 | 1,377.26 | 152.81 | | 1,757.40 |
| General office, salaries and expenses..... | 182.05 | 2,230.12 | 6.32 | 1,847.72 | 3,474.57 |
| Undistributed expenses..... | 39.59 | 245.23 | 21.60 | | 218.19 |
| Truck operation and maintenance..... | | 468.75 | | | 738.82 |
| Interest..... | 248.42 | 1,072.39 | 121.10 | 404.18 | 4,465.13 |
| Sinking fund and principal payments on debentures..... | 1,166.17 | 2,643.57 | 219.57 | 516.04 | 7,914.95 |
| Depreciation..... | 772.00 | 3,213.00 | 289.00 | 1,151.00 | 4,732.00 |
| Other reserves..... | | | | | 234.00 |
| Total operating costs and fixed charges..... | 10,646.89 | 44,591.57 | 3,919.48 | 40,146.18 | 67,155.40 |
| Net surplus..... | 552.69 | 3,113.27 | 1,241.55 | | 4,599.73 |
| Net loss..... | | | | 100.51 | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 248 | 694 | 96 | 316 | 1,360 |
| Commercial light service..... | 74 | 184 | 25 | 50 | 229 |
| Power service..... | 3 | 62 | 1 | 9 | 23 |
| Total..... | 325 | 940 | 122 | 375 | 1,612 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| Port Credit 1,750 | Port Dalhousie 1,408 | Port Dover 1,606 | Port Rowan 666 | Port Stanley 769 | Preston 6,287 | Princeton P.V. | Queenston P.V. |
|-------------------------|----------------------------|------------------------|----------------------|------------------------|------------------|-------------------|-------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 13,988.44 | 15,183.73 | 7,617.85 | 3,158.19 | 12,376.21 | 34,299.98 | 2,144.06 | 3,264.77 |
| 5,509.18 | 2,481.65 | 4,257.23 | 1,761.05 | 3,849.80 | 17,575.80 | 724.91 | 966.00 |
| 3,500.06 | 6,208.26 | 5,281.15 | 69.22 | 3,616.72 | 42,373.40 | 2,658.62 | |
| 1,292.88 | | 50.86 | | 902.27 | 1,162.19 | | |
| 2,750.00 | 1,636.25 | 2,675.54 | 1,131.00 | 2,335.66 | 5,032.00 | 456.00 | 304.02 |
| | | | 27.42 | | | | |
| 457.14 | 145.74 | | | 548.54 | 1,560.27 | 23.75 | 32.00 |
| 27,497.70 | 25,655.63 | 19,882.63 | 6,146.88 | 23,629.20 | 102,003.64 | 6,007.34 | 4,566.79 |
| | | | | | | | |
| 18,945.28 | 16,815.05 | 11,158.80 | 2,700.59 | 13,747.96 | 67,347.82 | 4,482.54 | 2,558.70 |
| | | | | | 4,245.81 | | |
| | | | | | 22.13 | | |
| 1,549.00 | 2,197.24 | 1,591.42 | 88.65 | 2,995.30 | 1,896.91 | 71.18 | 141.83 |
| 155.91 | 19.20 | 350.20 | | 118.50 | 29.66 | | 1.00 |
| 686.63 | 237.63 | 775.97 | 96.45 | 147.79 | 804.17 | 17.35 | 8.50 |
| 34.50 | 9.80 | | | | 51.72 | | |
| 326.43 | 295.63 | 643.97 | 39.13 | 163.54 | 822.77 | 69.78 | 21.87 |
| | | | | | | | |
| 755.95 | 616.36 | 784.95 | 131.72 | 827.85 | 1,593.25 | 170.53 | |
| 299.16 | 1,257.53 | 796.83 | 89.40 | 727.05 | 2,334.55 | 37.62 | 261.31 |
| 14.65 | 59.88 | 101.41 | | 90.52 | 747.20 | | |
| | 376.07 | | | 252.83 | 550.17 | | |
| 333.00 | 444.63 | 409.57 | 489.50 | 281.97 | 2,131.34 | 82.08 | 246.59 |
| | | | | | | | |
| 619.48 | 457.88 | 1,368.14 | 476.61 | 950.85 | 4,424.80 | 148.85 | 552.51 |
| 1,629.00 | 1,022.00 | 1,411.00 | 358.00 | 1,443.00 | 8,969.00 | 274.00 | 373.00 |
| 150.00 | | | | | 400.00 | | |
| | | | | | | | |
| 25,498.99 | 23,808.90 | 19,392.26 | 4,470.05 | 21,747.16 | 96,371.30 | 5,353.93 | 4,165.31 |
| 1,998.71 | 1,846.73 | 490.37 | 1,676.83 | 1,882.04 | 5,632.34 | 653.41 | 401.48 |
| | | | | | | | |
| | | | | | | | |
| 453 | 615 | 529 | 109 | 621 | 1,472 | 78 | 67 |
| 81 | 46 | 126 | 39 | 100 | 226 | 19 | 11 |
| 7 | 13 | 13 | 1 | 8 | 49 | 3 | |
| 541 | 674 | 668 | 149 | 729 | 1,747 | 100 | 78 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Richmond Hill 1,234 | Ridgetown 1,985 | Riverside 4,820 | Rockwood P.V. | Rodney 713 |
|---|---------------------------|--------------------|--------------------|------------------|---------------|
| Population..... | | | | | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 7,456.15 | 9,568.29 | 38,351.60 | 3,257.01 | 3,355.45 |
| Commercial light service..... | 3,693.45 | 5,794.68 | 4,200.95 | 1,132.44 | 2,407.71 |
| Commercial power service..... | 1,803.96 | 3,514.62 | 4,033.61 | 459.08 | 2,318.49 |
| Municipal power..... | 423.07 | 864.10 | 1,061.38 | | |
| Street lighting..... | 1,435.92 | 3,169.00 | 2,900.04 | 774.00 | 1,042.33 |
| Merchandise..... | 8.73 | | | | |
| Miscellaneous..... | 153.17 | 529.25 | 135.63 | 52.27 | 23.72 |
| Total earnings..... | 14,974.45 | 23,439.94 | 50,683.21 | 5,674.80 | 9,147.70 |
| EXPENSES | | | | | |
| Power purchased..... | 11,089.68 | 15,742.07 | 29,307.61 | 3,884.13 | 5,750.17 |
| Substation operation..... | | | | | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 992.29 | 783.36 | 770.11 | 124.54 | 263.87 |
| Line transformer maintenance..... | | 35.29 | 115.34 | 18.27 | |
| Meter maintenance..... | 64.87 | 202.42 | 680.63 | 82.42 | 47.44 |
| Consumers' premises expenses..... | 231.12 | 195.88 | 810.40 | | |
| Street lighting, operation and main- tenance..... | 130.58 | 414.99 | 522.24 | 64.61 | 156.46 |
| Promotion of business..... | | | 189.57 | | |
| Billing and collecting..... | 775.30 | 793.42 | 3,303.33 | | 399.76 |
| General office, salaries and expenses..... | 339.14 | 896.45 | 2,093.46 | 504.30 | 280.72 |
| Undistributed expenses..... | 19.47 | 128.58 | 545.56 | | 19.31 |
| Truck operation and maintenance..... | | 146.97 | 915.91 | | |
| Interest..... | 159.37 | 336.84 | 2,564.67 | 108.71 | 1.21 |
| Sinking fund and principal payments on debentures..... | 440.67 | 425.98 | 4,478.66 | 91.90 | |
| Depreciation..... | 607.00 | 1,457.00 | 4,298.00 | 474.00 | 450.00 |
| Other reserves..... | | | | | |
| Total operating costs and fixed charges..... | 14,849.49 | 21,559.25 | 50,595.49 | 5,352.88 | 7,368.94 |
| Net surplus..... | 124.96 | 1,880.69 | 87.72 | 321.92 | 1,778.76 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 334 | 562 | 1,232 | 155 | 216 |
| Commercial light service..... | 63 | 140 | 54 | 32 | 76 |
| Power service..... | 16 | 20 | 8 | 2 | 6 |
| Total..... | 413 | 722 | 1,294 | 189 | 298 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| St. Catharines 26,571 | St. Clair Beach 148 | St. George P.V. | St. Jacobs P.V. | St. Marys 4,032 | St. Thomas 16,156 | Sarnia 18,064 |
|--------------------------|---------------------------|--------------------|--------------------|--------------------|----------------------|------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 145,332.10 | 2,140.45 | 3,045.01 | 4,211.45 | 30,417.92 | 121,463.96 | 106,990.83 |
| 55,368.75 | 2,344.87 | 1,413.22 | 1,481.09 | 11,641.24 | 53,182.82 | 51,045.06 |
| 118,155.74 | 81.80 | 2,587.47 | 3,903.16 | 17,208.23 | 54,764.80 | 167,776.28 |
| | | | | 3,308.79 | 5,853.60 | 5,396.79 |
| 25,005.15 | | 370.50 | 460.00 | 4,713.50 | 14,624.25 | 18,714.48 |
| | | | | | 1,074.39 | |
| 2,390.13 | | 100.54 | 138.51 | 947.50 | 3,721.64 | 9,029.41 |
| 346,251.87 | 4,567.12 | 7,516.74 | 10,194.21 | 68,237.18 | 254,685.46 | 358,952.85 |
| | | | | | | |
| 222,814.27 | 2,556.28 | 5,331.41 | 8,017.41 | 42,267.47 | 180,300.62 | 230,346.13 |
| 4,131.32 | | | | 1,400.40 | 7,462.97 | 8,148.81 |
| | | | | 197.61 | 539.83 | 200.00 |
| | | | | | | |
| 10,189.11 | 140.52 | 49.80 | 65.35 | 2,220.91 | 9,750.70 | 8,374.58 |
| 1,153.96 | 10.21 | | | 157.69 | 863.73 | 195.07 |
| 4,320.00 | 50.45 | 26.10 | 170.15 | 885.59 | 2,030.62 | 3,772.31 |
| 2,495.43 | 51.16 | | | 5.39 | 1,941.12 | 112.10 |
| | | | | | | |
| 2,826.32 | | 124.13 | 52.42 | 1,080.75 | 3,118.17 | 5,261.85 |
| 119.26 | | | | 316.45 | 920.95 | 4,377.01 |
| 10,919.31 | 183.44 | 485.57 | 326.23 | 1,159.34 | 4,752.48 | 8,779.05 |
| 8,962.59 | 32.18 | 67.01 | 188.55 | 1,344.26 | 9,034.35 | 9,614.93 |
| 5,094.73 | 40.59 | 16.95 | 2.69 | 456.32 | 4,902.75 | 5,777.62 |
| 1,275.70 | 67.25 | | | 479.55 | 1,112.47 | 1,479.61 |
| 8,234.83 | 208.47 | 160.18 | 50.96 | 1,984.46 | 102.44 | 4,906.97 |
| | | | | | | |
| 13,867.23 | 408.84 | 253.65 | 451.13 | 2,418.99 | | 13,783.79 |
| | | | | | | |
| 18,416.00 | 362.00 | 335.00 | 386.00 | 4,755.00 | 14,406.00 | 19,642.00 |
| | | | | | | |
| | | | | | 184.38 | |
| | | | | | | |
| 314,820.06 | 4,111.39 | 6,849.80 | 9,710.89 | 61,130.18 | 241,423.58 | 324,771.83 |
| 31,431.81 | 455.73 | 666.94 | 483.32 | 7,107.00 | 13,261.88 | 34,181.02 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 6,496 | 45 | 136 | 120 | 1,000 | 4,102 | 4,635 |
| 750 | 3 | 36 | 28 | 180 | 632 | 649 |
| 146 | 1 | 2 | 7 | 36 | 76 | 84 |
| 7,392 | 49 | 174 | 155 | 1,216 | 4,810 | 5,368 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Scarboro Twp. | Seaforth | Simcoe | Spring- field 386 | Stamford Twp. |
|---|------------------|-----------|-----------|-------------------------|------------------|
| Population..... | | 1,717 | 5,503 | | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 100,992.24 | 10,741.71 | 23,086.16 | 1,803.42 | 59,017.71 |
| Commercial light service..... | 20,958.73 | 5,626.59 | 27,220.90 | 813.73 | 7,741.84 |
| Commercial power service..... | 11,668.16 | 4,965.34 | 25,182.62 | 1,420.65 | 11,411.19 |
| Municipal power..... | 12,511.30 | 735.29 | 2,210.80 | | 1,836.32 |
| Street lighting..... | 14,537.39 | 1,749.50 | 4,575.50 | 561.00 | 7,433.92 |
| Merchandise..... | | 255.19 | 245.22 | | 1,962.04 |
| Miscellaneous..... | 269.42 | 82.15 | | 241.22 | 43.50 |
| Total earnings..... | 160,937.24 | 24,155.77 | 82,521.20 | 4,840.02 | 89,446.52 |
| EXPENSES | | | | | |
| Power purchased..... | 87,845.05 | 15,794.29 | 48,047.42 | 2,843.71 | 42,051.77 |
| Substation operation..... | 43.29 | 174.23 | | | 377.75 |
| Substation maintenance..... | | | 481.74 | | |
| Distribution system, operation and maintenance..... | 5,332.83 | 1,460.03 | 4,899.79 | 90.87 | 4,626.61 |
| Line transformer maintenance..... | 695.43 | 28.22 | 385.58 | | 110.75 |
| Meter maintenance..... | 3,780.58 | 281.93 | 1,395.76 | | 795.69 |
| Consumers' premises expenses..... | 56.12 | 41.22 | 292.09 | | 562.66 |
| Street lighting, operation and main- tenance..... | 1,969.60 | 394.70 | 769.07 | 18.25 | 1,102.79 |
| Promotion of business..... | | | 1,379.99 | | 909.31 |
| Billing and collecting..... | 5,959.82 | 682.95 | 1,906.95 | 340.25 | 3,010.27 |
| General office, salaries and expenses.. | 5,145.27 | 518.31 | 2,883.68 | 71.49 | 4,500.42 |
| Undistributed expenses..... | 1,900.39 | 326.25 | 768.88 | 1.77 | 1,115.22 |
| Truck operation and maintenance..... | 1,665.13 | 236.17 | 475.63 | | 1,181.52 |
| Interest..... | 7,660.48 | 6.26 | 2,054.18 | 178.98 | 8,388.11 |
| Sinking fund and principal payments on debentures..... | 15,877.17 | | 3,437.88 | 198.06 | 12,384.76 |
| Depreciation..... | 12,104.00 | 1,972.00 | 3,672.00 | 379.00 | 6,553.00 |
| Other reserves..... | 400.00 | | | | |
| Total operating costs and fixed charges..... | 150,435.16 | 21,916.56 | 72,850.64 | 4,122.38 | 87,670.63 |
| Net surplus..... | 10,502.08 | 2,239.21 | 9,670.56 | 717.64 | 1,775.89 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 4,653 | 471 | 1,305 | 97 | 1,728 |
| Commercial light service..... | 367 | 118 | 329 | 30 | 126 |
| Power service..... | 38 | 16 | 38 | 3 | 15 |
| Total..... | 5,058 | 605 | 1,672 | 130 | 1,869 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| Stouffville 1,149 | Stratford 17,643 | Strathroy 2,886 | Streets- ville 676 | Sutton 804 | Tavistock 1,029 | Tecumseh 2,472 | Thames- ford P.V. |
|----------------------|---------------------|--------------------|--------------------------|---------------|--------------------|-------------------|-------------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 7,074.18 | 148,811.20 | 20,493.76 | 5,895.04 | 7,926.33 | 6,874.53 | 13,256.39 | 2,667.25 |
| 3,235.80 | 55,449.65 | 10,556.49 | | 3,495.36 | 2,499.63 | 4,135.62 | 1,427.54 |
| 946.48 | 54,751.05 | 14,260.87 | 3,576.69 | 1,106.23 | 9,193.05 | 2,426.30 | 2,132.63 |
| | 10,333.39 | 1,139.77 | | | 483.47 | | |
| 1,512.00 | 16,558.79 | 4,050.96 | 935.50 | 1,984.50 | 1,287.96 | 1,248.00 | 517.00 |
| | 1,891.45 | | | | | | |
| 402.16 | 11,801.68 | 1,183.46 | 598.01 | 109.38 | 492.13 | | 398.10 |
| 13,170.62 | 299,597.21 | 51,685.31 | 11,005.24 | 14,621.80 | 20,830.77 | 21,066.31 | 7,142.52 |
| 8,469.62 | 187,539.85 | 31,282.70 | 3,941.69 | 9,298.56 | 16,300.35 | 10,188.63 | 5,024.41 |
| | 4,137.60 | 341.50 | 974.27 | | | | |
| | 1,366.88 | 80.26 | | | | | |
| 818.97 | 6,968.68 | 1,159.59 | 521.43 | 256.20 | 471.82 | 579.39 | 311.21 |
| | 472.43 | 306.13 | 27.36 | | 195.67 | 125.14 | |
| | 3,132.45 | 492.30 | 6.20 | | 145.09 | 393.51 | 86.12 |
| | 333.16 | | | 80.79 | | 247.43 | |
| 179.37 | 3,034.42 | 960.18 | 134.17 | 180.49 | 121.93 | 305.03 | 60.88 |
| | 1,450.06 | 2,528.64 | | | | | |
| | 5,245.40 | 748.18 | 674.80 | | 658.32 | 1,709.03 | 216.74 |
| 428.16 | 8,806.63 | 1,802.44 | 255.84 | 754.01 | 198.23 | 958.86 | 49.11 |
| | 3,198.84 | 368.72 | 62.36 | | 57.42 | 208.68 | 17.08 |
| | 802.06 | 287.71 | | 163.46 | | 486.41 | |
| 258.54 | 19,616.66 | 1,635.26 | 788.76 | 736.57 | 162.11 | 372.35 | 71.12 |
| 1,158.44 | 9,239.60 | 1,689.72 | 1,795.94 | 1,581.24 | 228.20 | 1,955.51 | 143.03 |
| 580.00 | 21,984.00 | 3,673.00 | 670.00 | 958.00 | 878.00 | 1,630.00 | 482.00 |
| | 500.00 | | | | | | |
| 11,893.10 | 277,828.72 | 47,356.33 | 9,852.82 | 14,009.32 | 19,417.14 | 19,159.97 | 6,461.70 |
| 1,277.52 | 21,768.49 | 4,328.98 | 1,152.42 | 612.48 | 1,413.63 | 1,906.34 | 680.82 |
| 369 | 4,322 | 805 | 166 | 407 | 265 | 517 | 126 |
| 83 | 627 | 166 | 44 | 77 | 80 | 45 | 41 |
| 5 | 127 | 26 | 4 | 3 | 8 | 3 | 7 |
| 457 | 5,076 | 997 | 214 | 487 | 353 | 565 | 174 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA SYSTEM—Continued

| Municipality..... | Thames- ville 769 | Thedford 583 | Thorn- dale P.V. | Thorold 4,959 | Tilbury 1,975 |
|---|-------------------------|-----------------|------------------------|------------------|------------------|
| Population..... | | | | | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 3,696.70 | 3,003.70 | 1,582.29 | 19,597.17 | 7,272.74 |
| Commercial light service..... | 2,852.59 | 1,857.33 | 829.96 | 7,242.68 | 8,596.60 |
| Commercial power service..... | 1,417.45 | 1,364.61 | 224.77 | 35,394.96 | 9,774.99 |
| Municipal power..... | 261.31 | | | 4,205.70 | 225.00 |
| Street lighting..... | 1,200.00 | 1,035.00 | 384.00 | 3,310.95 | 1,613.24 |
| Merchandise..... | | | | | |
| Miscellaneous..... | 249.59 | 108.01 | 26.88 | 509.76 | 677.18 |
| Total earnings..... | 9,677.64 | 7,368.65 | 3,047.90 | 70,261.22 | 28,159.75 |
| EXPENSES | | | | | |
| Power purchased..... | 6,715.20 | 4,404.08 | 2,327.75 | 49,833.95 | 19,007.85 |
| Substation operation..... | | | | 3,384.59 | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 473.69 | 305.90 | 180.21 | 1,609.19 | 1,179.45 |
| Line transformer maintenance..... | | 77.54 | | 80.85 | |
| Meter maintenance..... | 25.35 | 149.99 | 8.24 | 441.79 | 16.86 |
| Consumers' premises expenses..... | 80.92 | | | 14.06 | 25.68 |
| Street lighting, operation and main- tenance..... | 302.97 | 80.17 | 86.22 | 674.57 | 347.68 |
| Promotion of business..... | | | | 43.80 | |
| Billing and collecting..... | 282.15 | 207.70 | 85.97 | 1,546.21 | 750.49 |
| General office, salaries and expenses..... | 293.89 | 79.60 | 46.75 | 1,447.21 | 686.12 |
| Undistributed expenses..... | 24.85 | 14.57 | 0.99 | 172.73 | 156.12 |
| Truck operation and maintenance..... | | | | 367.67 | 150.18 |
| Interest..... | | 424.43 | 61.84 | | 316.22 |
| Sinking fund and principal payments on debentures..... | | 1,014.12 | 100.79 | | 759.00 |
| Depreciation..... | 825.00 | 428.00 | 261.00 | 2,933.00 | 1,195.00 |
| Other reserves..... | | | | | |
| Total operating costs and fixed charges..... | 9,024.02 | 7,186.10 | 3,159.76 | 62,549.62 | 24,590.65 |
| Net surplus..... | 653.62 | 182.55 | | 7,711.60 | 3,569.10 |
| Net loss..... | | | 111.86 | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 224 | 130 | 69 | 1,128 | 440 |
| Commercial light service..... | 76 | 44 | 18 | 145 | 138 |
| Power service..... | 7 | 3 | 1 | 17 | 10 |
| Total..... | 307 | 177 | 88 | 1,290 | 588 |

*Includes \$30,000.00 provision for possible York Township profit.

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| Tillson- burg 3,513 | Toronto 638,271 | Toronto Twp. | Trafalgar Twp. Area No. 1 | Trafalgar Twp. Area No. 2 | Wallaceburg 4,589 | Wardsville 257 |
|---------------------------|--------------------|-----------------|---------------------------------|---------------------------------|----------------------|-------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 16,896.81 | 4,291,453.26 | 65,834.51 | 14,145.61 | 6,296.42 | 18,952.14 | 1,091.53 |
| 14,113.90 | 3,184,579.12 | 14,963.36 | 699.83 | | 11,227.19 | 1,154.84 |
| 11,390.95 | 3,671,807.92 | 10,128.68 | 756.45 | | 51,625.15 | |
| 1,687.33 | 1,233,551.48 | | | | 1,943.92 | |
| 4,396.32 | 537,530.40 | 4,970.21 | | | 4,170.00 | 720.00 |
| 116.19 | | | | | 114.12 | |
| 483.39 | 266,425.73 | 1,343.20 | 334.70 | 136.40 | 1,712.54 | 2.09 |
| 49,084.89 | 13,185,347.91 | 97,239.96 | 15,936.59 | 6,432.82 | 89,745.06 | 2,968.46 |
| 29,096.82 | 6,979,355.91 | 57,424.04 | 8,192.00 | 2,996.31 | 62,028.81 | 1,769.23 |
| 910.13 | 201,825.58 | | | | 289.38 | |
| | 250,183.26 | | | | | |
| 2,407.90 | 296,638.88 | 4,471.59 | 2,661.37 | 435.65 | 3,577.67 | 44.46 |
| 72.89 | 32,278.28 | 73.98 | | | 1,325.48 | |
| 269.15 | 107,808.33 | 1,157.73 | 142.40 | 51.20 | 614.12 | 54.09 |
| | 210,137.48 | | | | | |
| 915.76 | 112,631.89 | 786.61 | | | 654.13 | 38.22 |
| 66.79 | 151,752.74 | | | | 214.38 | |
| 1,176.67 | 420,032.98 | 3,959.56 | | | 2,295.37 | |
| 3,163.48 | 370,941.97 | 5,109.38 | 1,596.88 | 625.23 | 2,797.04 | 165.54 |
| 130.77 | *174,940.16 | 348.62 | 150.39 | | 1,345.05 | |
| 494.86 | | 1,215.17 | 515.38 | | 842.26 | |
| 356.22 | 1,187,733.46 | 2,886.20 | 583.09 | 520.38 | 2,227.11 | 206.14 |
| 1,178.57 | 1,357,793.47 | 5,055.00 | 1,090.50 | | 3,250.53 | 491.70 |
| 3,545.00 | 859,194.31 | 9,767.00 | 1,265.00 | 368.00 | 5,179.00 | 260.00 |
| 200.00 | 74,061.04 | | | | | |
| 43,985.01 | 12,787,309.74 | 92,254.88 | 16,197.01 | 4,996.77 | 86,640.33 | 3,029.38 |
| 5,099.88 | 398,038.17 | 4,985.08 | | 1,436.05 | 3,104.73 | |
| | | | 260.42 | | | 60.92 |
| 960 | 158,340 | 2,058 | 323 | 158 | 1,073 | 49 |
| 231 | 24,910 | 185 | 2 | | 236 | 24 |
| 32 | 5,135 | 36 | 9 | | 29 | |
| 1,223 | 188,385 | 2,279 | 334 | 158 | 1,338 | 73 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Water- down 912 | Waterford | Waterloo | Watford | Welland |
|---|-----------------------|--------------|--------------|--------------|--------------|
| Population..... | | 1,173 | 8,310 | 916 | 10,402 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 5,693.23 | 6,346.32 | 63,945.76 | 6,435.98 | 55,136.71 |
| Commercial light service..... | 1,746.91 | 2,018.38 | 23,828.49 | 3,637.31 | 30,911.88 |
| Commercial power service..... | 1,505.34 | 4,498.91 | 28,483.01 | 2,914.74 | 74,229.72 |
| Municipal power..... | 192.03 | 258.79 | 3,595.69 | 393.91 | 2,490.74 |
| Street lighting..... | 856.00 | 1,512.00 | 7,595.97 | 1,344.96 | 10,944.83 |
| Merchandise..... | | | 390.27 | | 589.61 |
| Miscellaneous..... | 88.36 | 269.76 | 1,478.10 | 371.79 | 7,866.18 |
| Total earnings..... | 10,081.87 | 14,904.16 | 129,317.29 | 15,098.69 | 182,169.67 |
| EXPENSES | | | | | |
| Power purchased..... | 6,265.98 | 10,971.73 | 81,834.66 | 10,665.89 | 92,860.48 |
| Substation operation..... | | | 3,350.08 | | 5,162.78 |
| Substation maintenance..... | | | 1,804.33 | | 337.88 |
| Distribution system, operation and maintenance..... | 401.14 | 678.39 | 4,656.56 | 734.67 | 6,805.60 |
| Line transformer maintenance..... | 155.58 | 150.40 | 57.53 | | 316.03 |
| Meter maintenance..... | 28.32 | 52.65 | 987.32 | 137.13 | 4,020.95 |
| Consumers' premises expenses..... | | | 206.38 | | 260.34 |
| Street lighting, operation and main- tenance..... | 159.80 | 156.30 | 1,375.43 | 138.60 | 806.76 |
| Promotion of business..... | | 41.00 | 211.00 | 332.73 | 506.51 |
| Billing and collecting..... | 520.80 | 538.05 | 2,883.44 | 474.17 | 3,627.84 |
| General office, salaries and expenses..... | 154.35 | 323.70 | 3,469.89 | 693.85 | 9,693.21 |
| Undistributed expenses..... | 27.83 | 94.11 | 350.86 | 40.42 | 1,823.48 |
| Truck operation and maintenance..... | | | 923.66 | 145.55 | 1,551.58 |
| Interest..... | | | 2,227.81 | | 12,630.39 |
| Sinking fund and principal payments on debentures..... | | | 4,779.66 | | 11,031.94 |
| Depreciation..... | 865.00 | 1,081.00 | 9,504.00 | 871.00 | 13,227.53 |
| Other reserves..... | | | 439.62 | | |
| Total operating costs and fixed charges..... | 8,578.80 | 14,087.33 | 119,062.23 | 14,234.01 | 164,663.30 |
| Net surplus..... | 1,503.07 | 816.83 | 10,255.06 | 864.68 | 17,506.37 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 230 | 336 | 1,905 | 280 | 2,418 |
| Commercial light service..... | 34 | 67 | 247 | 78 | 427 |
| Power service..... | 6 | 11 | 73 | 5 | 77 |
| Total..... | 270 | 414 | 2,225 | 363 | 2,922 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| Wellesley P.V. | West Lorne 752 | Weston 5,040 | Wheatley 723 | Windsor 98,745 | Woodbridge 811 | Woodstock 10,936 |
|-------------------|-------------------|-----------------|-----------------|-------------------|-------------------|---------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 2,826.73 | 2,943.88 | 45,617.74 | 4,236.99 | 800,687.22 | 6,576.86 | 75,853.82 |
| 1,498.62 | 1,387.51 | 10,330.10 | 2,730.36 | 328,346.29 | 1,986.55 | 39,394.67 |
| 1,904.90 | 1,659.23 | 42,198.49 | 1,675.71 | 442,098.56 | 5,319.84 | 57,631.84 |
| | | 524.68 | 481.07 | 21,468.04 | 391.73 | 2,948.20 |
| 695.00 | 1,014.05 | 7,260.51 | 1,368.00 | 100,499.37 | 915.82 | 8,279.40 |
| | | | | | | 2.36 |
| 16.47 | 29.75 | 998.64 | 92.36 | 3,585.75 | 72.74 | 4,620.64 |
| 6,941.72 | 7,034.42 | 106,930.16 | 10,584.49 | 1,696,685.23 | 15,263.54 | 188,730.93 |
| | | | | | | |
| 4,480.17 | 4,135.44 | 80,110.33 | 6,298.76 | 980,505.58 | 10,790.79 | 137,184.79 |
| | | 164.92 | | 28,628.72 | | 2,543.56 |
| | | | | 6,081.04 | | 11.75 |
| 323.93 | 214.41 | 4,754.94 | 397.92 | 34,447.96 | 230.68 | 4,868.03 |
| 8.78 | 6.90 | 55.13 | 85.77 | 3,869.07 | 10.89 | 38.50 |
| 265.52 | 180.80 | 395.70 | 224.83 | 22,974.58 | 44.77 | 1,420.61 |
| | | 150.00 | | 46,649.20 | | |
| 59.68 | 79.94 | 817.28 | 293.12 | 37,283.87 | 103.00 | 2,136.05 |
| | | | 59.86 | 35,634.26 | 18.50 | 1,720.42 |
| | 437.90 | 763.77 | 396.97 | 56,017.65 | | 3,174.19 |
| 443.70 | 172.85 | 2,932.19 | 197.26 | 45,930.80 | 762.64 | 6,385.18 |
| 50.99 | 2.05 | 434.53 | 56.75 | 26,798.48 | | 1,395.19 |
| | | 294.55 | | | | 684.23 |
| 37.02 | 3.25 | 1,727.75 | 379.93 | 59,602.20 | 251.03 | 2,339.82 |
| 616.86 | | 3,531.13 | 708.83 | 126,794.90 | 342.39 | 928.00 |
| 351.00 | 671.00 | 5,333.00 | 662.00 | 103,795.00 | 898.00 | 13,214.00 |
| | 25.76 | | | | | |
| 6,637.65 | 5,930.30 | 101,465.22 | 9,762.00 | 1,615,013.31 | 13,452.69 | 178,044.32 |
| 304.07 | 1,104.12 | 5,464.94 | 822.49 | 81,671.92 | 1,810.85 | 10,686.61 |
| | | | | | | |
| | | | | | | |
| 123 | 188 | 1,284 | 178 | 23,766 | 256 | 3,001 |
| 48 | 49 | 178 | 71 | 3,152 | 50 | 459 |
| 6 | 5 | 27 | 3 | 460 | 7 | 93 |
| 177 | 242 | 1,489 | 252 | 27,378 | 313 | 3,553 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Concluded

| Municipality..... | Wyoming | *York Twp. | Zurich | NIAGARA SYSTEM SUMMARY |
|--|----------|-------------|----------|------------------------------|
| Population..... | 504 | | P.V. | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 2,763.38 | 634,802.95 | 3,091.42 | 10,196,802.30 |
| Commercial light service..... | 1,698.11 | 75,346.26 | 2,258.38 | 5,559,246.35 |
| Commercial power service..... | 445.38 | 91,414.78 | | 8,721,792.67 |
| Municipal power..... | | 10,048.53 | | 1,643,737.01 |
| Street lighting..... | 765.00 | 49,901.35 | 693.00 | 1,388,628.37 |
| Merchandise..... | | | | 18,560.58 |
| Miscellaneous..... | 53.13 | 14,805.62 | 80.27 | 464,012.83 |
| Total earnings..... | 5,725.00 | 876,319.49 | 6,123.07 | 27,992,780.11 |
| EXPENSES | | | | |
| Power purchased..... | 3,340.78 | | 3,985.92 | 16,542,445.21 |
| Substation operation..... | | | | 393,554.84 |
| Substation maintenance..... | | | | 288,627.28 |
| Distribution system, operation and maintenance..... | 195.01 | | 420.27 | 663,382.08 |
| Line transformer maintenance..... | | | 9.25 | 60,626.59 |
| Meter maintenance..... | | | 4.50 | 262,878.13 |
| Consumers' premises expenses..... | | †815,639.03 | | 295,126.54 |
| Street lighting, operation and maintenance..... | 39.56 | | 67.91 | 269,430.39 |
| Promotion of business..... | | | | 259,339.53 |
| Billing and collecting..... | 192.00 | | 213.52 | 777,990.31 |
| General office, salaries and expenses..... | 6.40 | | 50.31 | 776,195.32 |
| Undistributed expenses..... | 15.00 | | 17.31 | 309,575.83 |
| Truck operation and maintenance..... | | | | 47,554.94 |
| Interest..... | | 20,228.30 | 184.89 | 1,706,144.28 |
| Sinking fund and principal payments on debentures..... | | 25,589.58 | 205.11 | 2,245,077.15 |
| Depreciation..... | 449.00 | 23,437.00 | 419.00 | 1,726,095.53 |
| Other reserves..... | | | | 118,526.14 |
| Total operating costs and fixed charges..... | 4,237.75 | 884,893.91 | 5,577.99 | 26,742,570.09 |
| Net surplus..... | 1,487.25 | | 545.08 | 1,250,210.02 |
| Net loss..... | | 8,574.42 | | |
| NUMBER OF CONSUMERS | | | | |
| Domestic service..... | 137 | 20,507 | 121 | 379,367 |
| Commercial light service..... | 47 | 1,078 | 49 | 56,930 |
| Power service..... | 3 | 160 | | 10,509 |
| Total..... | 187 | 21,745 | 170 | 446,806 |

*For year ended Dec. 31, 1935. Included in Toronto figures. Not added in summary.

†Toronto operating costs.

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

GEORGIAN BAY
SYSTEM

| Alliston 1,412 | Arthur 1,052 | Barrie 7,856 | Beaverton 920 | Beeton 585 | Bradford 999 | Brechin P.V. | Canning- ton 757 |
|-------------------|-----------------|-----------------|------------------|---------------|-----------------|-----------------|------------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 9,242.00 | 5,068.93 | 54,534.68 | 6,406.02 | 3,603.48 | 6,468.72 | 1,061.05 | 5,195.85 |
| 5,313.51 | 4,188.34 | 32,656.67 | 2,709.59 | 2,327.29 | 3,581.42 | 1,092.21 | 2,523.75 |
| 2,390.70 | 1,341.31 | 17,929.00 | 1,163.84 | 1,788.07 | 3,010.65 | 1,021.88 | 761.97 |
| 843.66 | 705.15 | 1,040.51 | | | 209.89 | | |
| 2,031.50 | 1,651.50 | 6,138.39 | 1,305.50 | 1,264.00 | 1,072.00 | 462.00 | 1,110.49 |
| 3.00 | | 52.41 | | | | | 5.58 |
| 96.42 | 14.91 | 708.03 | 819.53 | 20.53 | 199.98 | 63.44 | 89.91 |
| 19,920.79 | 12,970.14 | 113,059.69 | 12,404.48 | 9,003.37 | 14,542.66 | 3,700.58 | 9,687.55 |
| 11,383.13 | 8,395.61 | 70,463.63 | 6,949.64 | 6,011.52 | 8,547.28 | 2,356.59 | 5,610.35 |
| | | 745.79 | | | | | |
| 826.86 | 492.46 | 6,287.15 | 864.52 | 46.05 | 348.53 | 366.62 | 614.64 |
| | | 167.55 | 43.42 | | | | |
| 120.00 | | 827.07 | 7.76 | | | | 48.45 |
| 257.48 | 106.86 | 673.35 | 243.15 | 136.47 | 178.59 | 89.35 | 133.90 |
| | | 246.93 | | | | | |
| 818.39 | | 3,783.03 | 473.37 | | 689.81 | | |
| 82.69 | 392.19 | 1,970.50 | 231.97 | 406.57 | 78.66 | 64.66 | 730.26 |
| 192.58 | | 961.62 | 198.50 | | 94.56 | | |
| | | 919.69 | | | | | |
| 1,475.82 | 1,015.31 | 1,111.30 | 271.34 | 459.80 | 1,219.62 | 200.71 | 370.11 |
| 1,672.15 | 855.80 | 3,092.71 | 640.29 | 517.47 | 790.92 | 115.08 | 717.11 |
| 1,470.00 | 1,020.00 | 8,200.06 | 1,255.00 | 645.00 | 950.00 | 155.00 | 744.00 |
| 18,299.10 | 12,278.23 | 99,450.38 | 11,178.96 | 8,222.88 | 12,897.97 | 3,348.01 | 8,968.82 |
| 1,621.69 | 691.91 | 13,609.31 | 1,225.52 | 780.49 | 1,644.69 | 352.57 | 718.73 |
| 336 | 185 | 1,982 | 325 | 126 | 231 | 41 | 251 |
| 100 | 83 | 405 | 66 | 40 | 66 | 27 | 75 |
| 14 | 4 | 45 | 9 | 4 | 10 | 3 | 10 |
| 450 | 272 | 2,432 | 400 | 170 | 307 | 71 | 336 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

GEORGIAN BAY
SYSTEM—Continued

| Municipality..... | Chatsworth 302 | Chesley 1,759 | Coldwater 617 | Collingwood 5,749 | Cookstown P.V. |
|--|-------------------|------------------|------------------|----------------------|-------------------|
| Population..... | | | | | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 1,824.87 | 8,870.03 | 2,725.73 | 26,385.93 | 2,200.67 |
| Commercial light service..... | 1,223.52 | 4,583.03 | 1,738.06 | 9,932.79 | 1,321.98 |
| Commercial power service..... | | 7,569.78 | 4,301.22 | 13,043.71 | 780.84 |
| Municipal power..... | | 908.63 | | 1,316.99 | |
| Street lighting..... | 615.00 | 1,538.33 | 608.00 | 3,577.25 | 840.00 |
| Merchandise..... | | 29.12 | | | |
| Miscellaneous..... | 32.65 | 426.93 | 213.62 | 957.99 | 100.22 |
| Total earnings..... | 3,696.04 | 23,925.85 | 9,586.63 | 55,214.66 | 5,243.71 |
| EXPENSES | | | | | |
| Power purchased..... | 2,518.28 | 17,410.37 | 8,122.77 | 41,712.03 | 2,590.94 |
| Substation operation..... | | | | 93.40 | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 210.82 | 917.64 | 503.38 | 240.96 | 128.40 |
| Line transformer maintenance..... | | 64.00 | | | |
| Meter maintenance..... | | 143.60 | | 210.80 | |
| Consumers' premises expenses..... | | 0.75 | 10.00 | | |
| Street lighting, operation and maintenance..... | 48.92 | 346.13 | 48.81 | 551.40 | 102.05 |
| Promotion of business..... | | 81.10 | | 52.85 | |
| Billing and collecting..... | | 517.81 | | 2,087.33 | 202.57 |
| General office, salaries and expenses..... | 251.21 | 696.07 | 328.01 | 1,782.18 | 36.15 |
| Undistributed expenses..... | | 12.99 | | 743.28 | 7.68 |
| Truck operation and maintenance..... | | 85.50 | | 37.86 | |
| Interest..... | 95.86 | 55.21 | 167.84 | | 341.68 |
| Sinking fund and principal payments on debentures..... | 411.07 | 400.07 | 313.84 | | 387.43 |
| Depreciation..... | 280.00 | 1,346.00 | 599.00 | 4,201.00 | 557.00 |
| Other reserves..... | | | | 200.00 | |
| Total operating costs and fixed charges..... | 3,816.16 | 22,077.24 | 10,093.65 | 51,913.09 | 4,353.90 |
| Net surplus..... | | 1,848.61 | | 3,301.57 | 889.81 |
| Net loss..... | 120.12 | | 507.02 | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 83 | 425 | 136 | 1,310 | 99 |
| Commercial light service..... | 33 | 99 | 47 | 200 | 31 |
| Power service..... | | 20 | 2 | 53 | 3 |
| Total..... | 116 | 544 | 185 | 1,563 | 133 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| Creemore 649 | Dundalk 646 | Durham 1,823 | Elmvale P.V. | Elmwood P.V. | Flesherton 469 | Grand Valley 572 | Graven- hurst 1,997 |
|-----------------|----------------|-----------------|-----------------|-----------------|-------------------|------------------------|---------------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 3,255.49 | 3,059.80 | 6,805.65 | 2,828.21 | 1,254.73 | 2,646.04 | 3,276.79 | 9,602.96 |
| 1,946.40 | 2,735.97 | 4,560.61 | 1,742.63 | 710.07 | 1,711.99 | 1,831.38 | 6,926.81 |
| 991.08 | 2,783.39 | 3,783.64 | 2,841.54 | 1,537.98 | 329.69 | 1,719.16 | 9,051.82 |
| | | 653.73 | 144.28 | | | | 690.41 |
| 711.00 | 1,230.00 | 1,940.68 | 685.00 | 529.00 | 608.00 | 884.00 | 2,093.00 |
| | | 3.97 | | | | | |
| 41.35 | 156.92 | 379.98 | 153.83 | 68.24 | 116.67 | 148.28 | 417.47 |
| 6,945.32 | 9,966.08 | 18,128.26 | 8,395.49 | 4,100.02 | 5,412.39 | 7,859.61 | 28,782.47 |
| | | | | | | | |
| 4,807.35 | 6,486.86 | 11,041.74 | 5,539.29 | 2,541.51 | 3,195.53 | 5,501.78 | 15,410.41 |
| | | | | | | | |
| 276.02 | 673.07 | 373.77 | 637.57 | 54.50 | 44.77 | 239.77 | 2,127.91 |
| | | 40.30 | | | | | 17.92 |
| | | 216.77 | | | | | 201.67 |
| | | | | | | | |
| 43.56 | 105.29 | 203.30 | 93.62 | 12.00 | 31.26 | 126.22 | 267.57 |
| | | 80.00 | | | 100.00 | | 262.71 |
| | | 1,217.57 | | | | | 1,074.97 |
| 199.95 | 702.33 | 635.34 | 305.59 | 188.73 | 383.43 | 555.18 | 309.70 |
| | | 102.96 | | | | | 619.31 |
| | | 263.13 | | | | | 184.95 |
| | | 26.65 | 131.74 | 103.00 | 390.52 | 55.74 | 563.98 |
| | | | | | | | |
| | | 411.22 | 323.62 | 531.00 | 297.83 | 904.74 | 466.17 |
| 435.00 | 486.00 | 1,253.00 | 689.00 | 267.00 | 364.00 | 588.00 | 1,820.00 |
| | | | | | | | 229.48 |
| | | | | | | | |
| 5,761.88 | 8,453.55 | 15,865.75 | 7,720.43 | 3,697.74 | 4,807.34 | 7,971.43 | 23,556.75 |
| 1,183.44 | 1,512.53 | 2,262.51 | 675.06 | 402.28 | 605.05 | | 5,225.72 |
| | | | | | | 111.82 | |
| | | | | | | | |
| | | | | | | | |
| 142 | 170 | 418 | 159 | 63 | 138 | 159 | 510 |
| 55 | 72 | 106 | 59 | 20 | 48 | 50 | 118 |
| 2 | 4 | 11 | 7 | 1 | 2 | 5 | 15 |
| 199 | 246 | 535 | 225 | 84 | 188 | 214 | 643 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

GEORGIAN BAY
SYSTEM—Continued

| Municipality..... | Hanover | Holstein | Huntsville | Kincardine | Kirkfield |
|--|-----------|----------|------------|------------|-----------|
| Population..... | 3,056 | P.V. | 2,718 | 2,468 | P.V. |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 18,912.29 | 1,215.41 | 11,946.41 | 15,228.57 | 781.63 |
| Commercial light service..... | 6,857.13 | 563.40 | 9,253.53 | 7,433.86 | 1,181.88 |
| Commercial power service..... | 18,908.03 | 110.93 | 12,283.77 | 9,886.72 | |
| Municipal power..... | 296.81 | | 1,400.00 | 1,407.30 | |
| Street lighting..... | 2,917.08 | 350.00 | 2,473.05 | 4,322.50 | 480.00 |
| Merchandise..... | | | | | |
| Miscellaneous..... | 1,490.00 | 67.39 | 1,159.53 | 111.75 | |
| Total earnings..... | 49,381.34 | 2,307.13 | 38,516.29 | 38,390.70 | 2,443.51 |
| EXPENSES | | | | | |
| Power purchased..... | 31,491.59 | 1,318.99 | 22,968.61 | 26,682.05 | 1,322.57 |
| Substation operation..... | | | | 317.46 | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 1,953.19 | 2.81 | 2,045.69 | 1,513.12 | 187.26 |
| Line transformer maintenance..... | 131.78 | | 15.00 | 32.66 | |
| Meter maintenance..... | 240.06 | | 438.80 | 236.54 | |
| Consumers' premises expenses..... | | | 139.96 | | |
| Street lighting, operation and maintenance..... | 368.06 | 17.28 | 488.52 | 392.40 | 44.52 |
| Promotion of business..... | | | 207.32 | 111.29 | |
| Billing and collecting..... | 1,155.11 | | 1,483.14 | 756.66 | |
| General office, salaries and expenses..... | 794.30 | 179.34 | 754.50 | 876.35 | 95.50 |
| Undistributed expenses..... | 380.35 | | 789.42 | 182.45 | |
| Truck operation and maintenance..... | 178.18 | | 122.93 | 177.37 | |
| Interest..... | 1,337.01 | | 54.38 | 1,411.83 | 197.07 |
| Sinking fund and principal payments on debentures..... | 6,291.68 | | 207.18 | 3,756.47 | 390.87 |
| Depreciation..... | 3,611.00 | 122.00 | 1,250.00 | 2,381.00 | 230.00 |
| Other reserves..... | | | 946.01 | | |
| Total operating costs and fixed charges..... | 47,932.31 | 1,640.42 | 31,911.46 | 38,827.65 | 2,467.79 |
| Net surplus..... | 1,449.03 | 666.71 | 6,604.83 | | |
| Net loss..... | | | | 436.95 | 24.28 |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 724 | 56 | 608 | 646 | 29 |
| Commercial light service..... | 121 | 18 | 130 | 121 | 18 |
| Power service..... | 23 | 1 | 13 | 20 | |
| Total..... | 868 | 75 | 751 | 787 | 47 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| Lucknow | Markdale | Meaford | Midland | Mildmay | Mount Forest | Neustadt | Orangeville |
|-----------|----------|-----------|------------|----------|-----------------|----------|-------------|
| 1,062 | 791 | 2,762 | 6,845 | 755 | 1,743 | 484 | 2,792 |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 6,666.81 | 3,699.56 | 11,819.85 | 35,659.11 | 2,812.62 | 8,377.09 | 1,853.50 | 15,523.71 |
| 3,261.27 | 2,553.78 | 6,936.27 | 15,144.62 | 1,990.89 | 6,216.20 | 1,168.13 | 9,654.06 |
| 4,464.32 | 998.46 | 6,735.92 | 49,362.60 | 972.11 | 4,064.26 | 31.62 | 5,754.15 |
| 485.02 | 30.00 | 881.87 | 2,898.79 | | 965.56 | | 1,197.79 |
| 1,575.00 | 900.00 | 2,966.13 | 6,376.00 | 761.00 | 2,251.00 | 975.00 | 3,014.04 |
| | | 0.78 | | | | | 52.39 |
| 213.20 | 78.55 | 871.83 | 1,789.31 | 113.15 | 242.92 | 149.73 | 379.57 |
| 16,665.62 | 8,260.35 | 30,212.65 | 111,230.43 | 6,649.77 | 22,117.03 | 4,177.98 | 35,575.71 |
| 11,905.67 | 5,566.97 | 19,736.53 | 75,485.00 | 3,472.46 | 15,277.75 | 1,628.88 | 22,765.82 |
| | | | 1,850.91 | | | | |
| | | | 222.92 | | | | |
| 445.14 | 276.83 | 2,185.46 | 3,637.29 | 131.62 | 632.89 | 110.00 | 1,296.71 |
| | | 47.96 | 159.84 | | | | |
| | | 274.06 | 1,225.01 | 74.67 | 158.65 | | 246.09 |
| | | | 30.65 | | | | |
| 107.16 | 93.35 | 480.28 | 1,176.11 | 85.65 | 353.29 | 82.60 | 374.07 |
| | | | 368.07 | | | | |
| | | 788.83 | 2,806.20 | | 643.75 | | 1,285.56 |
| 1,169.07 | 442.55 | 542.51 | 1,611.10 | 384.06 | 109.28 | 226.07 | 193.97 |
| | | 415.40 | 1,423.98 | | 45.22 | | 65.76 |
| | | 158.51 | 378.64 | | 38.43 | | |
| 517.45 | 290.06 | 1,732.04 | 1,414.98 | 599.22 | 562.18 | 252.38 | 312.35 |
| 1,138.43 | 365.10 | 3,544.15 | 4,377.78 | 472.61 | 745.85 | 1,153.39 | 2,677.89 |
| 842.00 | 640.00 | 1,531.00 | 10,650.00 | 240.00 | 1,482.00 | 627.00 | 2,183.00 |
| 16,124.92 | 7,674.86 | 31,436.73 | 106,818.48 | 5,460.29 | 20,049.29 | 4,080.32 | 31,401.22 |
| 540.70 | 585.49 | | 4,411.95 | 1,189.48 | 2,067.74 | 97.66 | 4,174.49 |
| | | 1,224.08 | | | | | |
| 279 | 202 | 665 | 1,561 | 149 | 468 | 90 | 680 |
| 86 | 80 | 145 | 215 | 44 | 147 | 24 | 159 |
| 6 | 10 | 19 | 59 | 3 | 14 | 1 | 26 |
| 371 | 292 | 829 | 1,835 | 196 | 629 | 115 | 865 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

GEORGIAN BAY
SYSTEM—Continued

| Municipality..... | Owen Sound 13,139 | Paisley 752 | Penetang- uishene 3,989 | Port Elgin 1,270 | Port McNicoll 935 |
|---|-------------------------|----------------|-------------------------------|---------------------|-------------------------|
| Population..... | | | | | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 61,477.56 | 3,762.60 | 12,278.02 | 7,372.51 | 3,200.33 |
| Commercial light service..... | 37,233.64 | 2,608.32 | 5,792.74 | 4,323.16 | 686.61 |
| Commercial power service..... | 42,696.94 | 1,017.46 | 13,396.10 | 3,337.41 | |
| Municipal power..... | | | 2,581.98 | 807.89 | |
| Street lighting..... | 12,963.10 | 1,260.00 | 2,239.00 | 2,317.34 | 1,048.00 |
| Merchandise..... | 342.04 | | | | |
| Miscellaneous..... | 1,594.70 | 193.87 | 164.45 | 533.52 | 6.37 |
| Total earnings..... | 156,307.98 | 8,842.25 | 36,452.29 | 18,691.83 | 4,941.31 |
| EXPENSES | | | | | |
| Power purchased..... | 101,496.26 | 5,896.82 | 21,500.29 | 11,195.14 | 2,734.05 |
| Substation operation..... | | | 10.05 | | |
| Substation maintenance..... | 4,031.67 | | | | |
| Distribution system, operation and maintenance..... | 5,401.96 | 232.26 | 2,097.22 | 907.28 | 418.88 |
| Line transformer maintenance..... | 553.73 | | 102.11 | 13.70 | |
| Meter maintenance..... | 2,761.20 | | 122.80 | 69.42 | |
| Consumers' premises expenses..... | | | 1.65 | | |
| Street lighting, operation and main- tenance..... | 1,811.70 | 96.29 | 260.68 | 271.65 | 107.82 |
| Promotion of business..... | | | 39.52 | | |
| Billing and collecting..... | 5,991.01 | | 944.96 | 655.67 | |
| General office, salaries and expenses..... | 5,470.91 | 488.23 | 565.17 | 228.94 | 314.00 |
| Undistributed expenses..... | 2,309.27 | | 228.70 | 34.26 | |
| Truck operation and maintenance..... | 1,066.03 | | 165.48 | 134.85 | |
| Interest..... | | 466.46 | 738.24 | 1,763.82 | 68.06 |
| Sinking fund and principal payments on debentures..... | | 872.41 | 1,904.94 | 1,621.14 | 143.05 |
| Depreciation..... | 7,600.00 | 565.00 | 3,026.00 | 977.00 | 449.00 |
| Other reserves..... | | | | | |
| Total operating costs and fixed charges..... | 138,493.74 | 8,617.47 | 31,707.81 | 17,872.87 | 4,234.86 |
| Net surplus..... | 17,814.24 | 224.78 | 4,744.48 | 818.96 | 706.45 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 3,263 | 182 | 590 | 403 | 209 |
| Commercial light service..... | 561 | 51 | 99 | 100 | 25 |
| Power service..... | 105 | 4 | 27 | 9 | |
| Total..... | 3,929 | 237 | 716 | 512 | 234 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| Port Perry 1,125 | Priceville P.V. | Ripley 454 | Rosseau 305 | Shelburne 1,102 | South- ampton 1,321 | Stayner 1,008 | Sunder- land P.V. |
|---------------------|--------------------|---------------|-----------------|--------------------|------------------------------------|---------------------------|-------------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 6,508.26 | 663.91 | 3,171.01 | 3,270.74 | 5,578.95 | 7,530.59 | 4,658.16 | 2,443.77 |
| 3,120.54 | 285.18 | 1,505.39 | 846.82 | 3,698.14 | 3,022.75 | 3,061.29 | 1,728.54 |
| 3,003.21 | | | | 2,171.34 | 2,282.31 | 2,430.86 | 132.68 |
| 352.01 | | | | 607.94 | 1,200.11 | | |
| 1,470.00 | 560.00 | 1,070.00 | 1,239.00 | 1,056.00 | 2,318.88 | 1,284.00 | 720.00 |
| 593.55 | 12.85 | 16.95 | 21.41 | 228.13 | 55.82 | 354.02 | 178.49 |
| 15,047.57 | 1,521.94 | 5,763.35 | 5,377.97 | 13,340.50 | 16,410.46 | 11,788.33 | 5,203.48 |
| 10,655.62 | 756.81 | 3,625.41 | 3,042.82 | 9,049.48 | 8,821.22 | 7,563.66 | 3,210.83 |
| 1,107.06 | 33.10 | 3.29 | 160.06 | 637.98 | 1,102.06 11.66 97.56 | 621.11 | 239.01 |
| 80.71 | 28.14 | 20.58 | 71.13 | 192.33 | 245.41 | 190.12 | 65.38 |
| 780.89 | 52.71 | 468.03 | 203.56 58.17 | 472.55 164.81 | 791.88 391.55 64.85 79.25 | 569.50 18.99 187.32 | 292.33 |
| 799.74 | 132.49 | 575.83 | 756.33 | 139.70 | 1,024.71 | 47.00 | 139.03 |
| 890.29 | 390.90 | 454.72 | 367.42 | 328.49 | 1,273.73 | 411.67 | 260.04 |
| 922.00 | 194.00 | 473.00 | 254.00 | 1,058.00 | 862.00 | 994.00 | 319.00 |
| 15,236.31 | 1,588.15 | 5,620.86 | 4,913.49 | 12,043.34 | 14,765.88 | 10,603.37 | 4,525.62 |
| | | 142.49 | 464.48 | 1,297.16 | 1,644.58 | 1,184.96 | 677.86 |
| 188.74 | 66.21 | | | | | | |
| 304 75 11 | 31 9 | 120 46 | 62 21 | 281 83 14 | 423 78 9 | 257 87 10 | 119 46 2 |
| 390 | 40 | 166 | 83 | 378 | 510 | 354 | 167 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

GEORGIAN BAY
SYSTEM—Concluded

| Municipality..... | Tara | Teeswater | Thornton | Tottenham | Uxbridge |
|--|----------|-----------|----------|-----------|-----------|
| Population..... | 509 | 837 | P.V. | 539 | 1,451 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 2,762.15 | 4,393.72 | 1,324.85 | 3,290.03 | 8,414.29 |
| Commercial light service..... | 1,638.33 | 2,654.47 | 540.59 | 1,793.45 | 3,831.22 |
| Commercial power service..... | 1,154.75 | 1,232.78 | 318.50 | 361.51 | 923.07 |
| Municipal power..... | | 180.00 | | 194.06 | |
| Street lighting..... | 1,005.35 | 1,332.40 | 880.00 | 1,225.08 | 2,118.88 |
| Merchandise..... | | | | | |
| Miscellaneous..... | 29.45 | 107.81 | 6.71 | | 522.01 |
| Total earnings..... | 6,590.03 | 9,901.18 | 3,070.65 | 6,864.13 | 15,809.47 |
| EXPENSES | | | | | |
| Power purchased..... | 3,318.15 | 5,596.48 | 1,389.34 | 4,637.36 | 9,845.92 |
| Substation operation..... | | | | | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 107.18 | 65.99 | 37.45 | 331.31 | 723.03 |
| Line transformer maintenance..... | | | | | |
| Meter maintenance..... | | | | | |
| Consumers' premises expenses..... | | | | | |
| Street lighting, operation and maintenance..... | 164.79 | 104.79 | 29.67 | 60.00 | 206.07 |
| Promotion of business..... | | | | | |
| Billing and collecting..... | | | | | |
| General office, salaries and expenses..... | 618.89 | 575.54 | 80.26 | 203.35 | 824.02 |
| Undistributed expenses..... | | | | | |
| Truck operation and maintenance..... | | | | | |
| Interest..... | 190.78 | 628.27 | 196.47 | 454.60 | |
| Sinking fund and principal payments on debentures..... | 1,107.09 | 1,368.37 | 506.18 | 347.72 | |
| Depreciation..... | 593.00 | 768.00 | 351.00 | 465.00 | 730.00 |
| Other reserves..... | | | | | |
| Total operating costs and fixed charges..... | 6,099.88 | 9,107.44 | 2,590.37 | 6,499.34 | 12,329.04 |
| Net surplus..... | 490.15 | 793.74 | 480.28 | 364.79 | 3,480.43 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 135 | 204 | 59 | 130 | 378 |
| Commercial light service..... | 37 | 58 | 12 | 51 | 95 |
| Power service..... | 4 | 6 | 2 | 7 | 10 |
| Total..... | 176 | 268 | 73 | 188 | 483 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| Victoria Harbor 1,077 | Walker- ton 2,428 | Waubau- shene P.V. | Wiarton 1,715 | Winder- mere 153 | Wingham 1,987 | Woodville 390 | GEORGIAN BAY SYSTEM SUMMARY |
|--------------------------|-------------------------|--------------------------|------------------|------------------------|------------------|------------------|--------------------------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 3,091.87 | 13,673.28 | 2,450.52 | 8,763.38 | 2,622.56 | 12,002.35 | 2,137.07 | 487,656.67 |
| 867.49 | 8,048.17 | 630.45 | 6,967.76 | 1,083.76 | 6,911.13 | 1,227.82 | 271,680.80 |
| 44.77 | 3,996.74 | 83.16 | 2,967.19 | | 9,471.72 | 734.65 | 283,471.31 |
| 117.47 | 625.19 | 98.46 | 1,608.47 | | 534.80 | | 24,984.77 |
| 702.00 | 2,586.00 | 464.00 | 2,305.32 | 455.00 | 3,332.33 | 626.04 | 106,833.16 |
| | 520.12 | | | | 495.75 | | 1,505.16 |
| 5.99 | 81.47 | 95.93 | 314.86 | 9.47 | 411.26 | 216.90 | 17,649.82 |
| 4,829.59 | 29,530.97 | 3,822.52 | 22,926.98 | 4,170.79 | 33,159.34 | 4,942.48 | 1,193,781.69 |
| | | | | | | | |
| 2,847.47 | 15,747.59 | 2,195.89 | 12,835.56 | 1,981.20 | 17,389.79 | 2,655.55 | 756,208.21 |
| | | | | | 1,555.47 | | 3,509.83 |
| | | | | | | | 5,317.84 |
| 76.80 | 1,548.20 | 219.63 | 530.09 | 61.91 | 2,941.50 | 312.76 | 50,610.54 |
| | 217.09 | | | | 145.00 | | 1,763.72 |
| | 427.79 | | 99.29 | | 105.71 | | 8,185.32 |
| | 50.89 | 1.00 | | | | | 403.35 |
| 41.28 | 660.08 | 83.15 | 207.64 | 22.62 | 342.45 | 77.45 | 13,304.50 |
| | 126.98 | | | | | | 1,676.77 |
| | 1,165.31 | | 1,154.20 | 147.42 | 572.05 | | 32,452.21 |
| 397.12 | 1,399.46 | 309.22 | 209.70 | 20.35 | 1,092.01 | 303.68 | 33,038.30 |
| | 151.44 | | 57.81 | 16.01 | 304.04 | | 9,589.76 |
| | 330.36 | | 186.72 | | 44.89 | | 4,552.77 |
| | 2,739.40 | 1.50 | 1,691.72 | 619.15 | 2,052.22 | 132.45 | 32,095.15 |
| | 2,315.88 | | 1,309.35 | 444.11 | 1,652.42 | 273.56 | 56,213.40 |
| 452.00 | 1,486.00 | 340.00 | 858.00 | 330.00 | 3,110.00 | 247.00 | 80,536.06 |
| | | | | | | | 1,375.49 |
| | | | | | | | |
| 3,814.67 | 28,366.47 | 3,150.39 | 19,140.08 | 3,642.77 | 31,307.55 | 4,002.45 | 1,090,833.22 |
| 1,014.92 | 1,164.50 | 672.13 | 3,786.90 | 528.02 | 1,851.79 | 940.03 | 102,948.47 |
| | | | | | | | |
| | | | | | | | |
| 191 | 544 | 161 | 368 | 49 | 535 | 112 | 22,556 |
| 31 | 136 | 23 | 115 | 12 | 142 | 32 | 5,133 |
| 2 | 17 | 3 | 16 | | 24 | 2 | 703 |
| 224 | 697 | 187 | 499 | 61 | 701 | 146 | 28,392 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

EASTERN ONTARIO
SYSTEM

| Municipality..... | Alexandria | Apple Hill | Athens | Bath | Belleville |
|--|------------------|-----------------|-----------------|-----------------|-------------------|
| Population..... | 1,931 | P.V. | 626 | 360 | 14,411 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 7,362.03 | 1,257.58 | 2,991.62 | 1,412.87 | 78,403.29 |
| Commercial light service..... | 5,126.81 | 933.90 | 1,317.09 | 906.84 | 51,037.72 |
| Commercial power service..... | 2,890.02 | 273.86 | 1,139.57 | | 37,733.62 |
| Municipal power..... | 808.03 | | | | 6,328.97 |
| Street lighting..... | 2,360.00 | 528.00 | 1,055.00 | 714.00 | 10,170.25 |
| Merchandise..... | | | | | |
| Miscellaneous..... | 271.38 | 4.53 | 127.60 | | 7,630.18 |
| Total earnings..... | 18,818.27 | 2,997.87 | 6,630.88 | 3,033.71 | 191,304.03 |
| EXPENSES | | | | | |
| Power purchased..... | 10,183.42 | 1,554.33 | 3,855.32 | 1,990.28 | 127,354.03 |
| Substation operation..... | | | | | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 567.00 | 67.30 | 203.59 | 36.37 | 2,819.95 |
| Line transformer maintenance..... | 115.35 | | | | 484.37 |
| Meter maintenance..... | 161.20 | 15.76 | 46.12 | | 1,273.55 |
| Consumers' premises expenses..... | | | | | 151.45 |
| Street lighting, operation and maintenance..... | 178.90 | 50.88 | 88.65 | 2.96 | 1,547.91 |
| Promotion of business..... | | | | | 2,437.45 |
| Billing and collecting..... | 875.18 | | | | 4,469.93 |
| General office, salaries and expenses..... | 322.01 | 252.62 | 193.36 | 100.08 | 7,968.62 |
| Undistributed expenses..... | 51.78 | | 2.25 | | 1,428.56 |
| Truck operation and maintenance..... | | | | | 225.16 |
| Interest..... | 905.60 | 161.10 | 603.56 | 425.96 | |
| Sinking fund and principal payments on debentures..... | 2,605.98 | 362.00 | 584.07 | 252.57 | |
| Depreciation..... | 1,442.00 | 180.00 | 505.00 | 190.00 | 6,141.00 |
| Other reserves..... | | | | | |
| Total operating costs and fixed charges..... | 17,408.42 | 2,643.99 | 6,081.92 | 2,998.22 | 156,301.98 |
| Net surplus..... | 1,409.85 | 353.88 | 548.96 | 35.49 | 35,002.05 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 316 | 49 | 163 | 33 | 3,129 |
| Commercial light service..... | 103 | 21 | 44 | 18 | 678 |
| Power service..... | 15 | 1 | 1 | | 109 |
| Total..... | 434 | 71 | 208 | 51 | 3,916 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| Bloomfield 669 | Bowman- ville 3,631 | Brighton 1,374 | Brockville 9,874 | Cardinal 1,148 | Carleton Place 4,250 | Chester- ville 1,074 | Cobden 641 |
|-------------------|---------------------------|-------------------|---------------------|-------------------|----------------------------|----------------------------|---------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 3,329.82 | 27,356.14 | 9,386.39 | 50,687.29 | 6,882.18 | 18,664.15 | 5,656.44 | 2,442.26 |
| 1,411.00 | 9,196.36 | 4,636.19 | 25,527.68 | 1,916.92 | 9,858.69 | 3,231.78 | 2,792.07 |
| 634.50 | 50,855.91 | 2,565.43 | 30,322.21 | 536.64 | 27,597.84 | 2,471.49 | 404.94 |
| | | | 4,794.96 | | 1,659.87 | | |
| 720.22 | 3,158.81 | 2,191.92 | 8,453.50 | 937.00 | 4,800.75 | 1,032.00 | 1,120.00 |
| | | | | | 17.37 | 89.34 | |
| 47.92 | 1,066.53 | 189.37 | 6,640.96 | 117.24 | 1,757.09 | 467.27 | 24.94 |
| 6,143.46 | 91,633.75 | 18,969.30 | 126,426.60 | 10,389.98 | 64,355.76 | 12,948.32 | 6,784.21 |
| | | | | | | | |
| 3,364.40 | 59,641.53 | 8,013.39 | 75,170.73 | 5,185.47 | 37,172.85 | 7,063.07 | 3,402.08 |
| | | | 5,160.00 | | | | |
| | | | 441.77 | | 171.51 | | |
| 67.97 | 2,527.96 | 2,085.18 | 2,676.09 | 1,258.15 | 1,760.80 | 820.01 | 37.82 |
| | 76.73 | 95.44 | 45.80 | | 69.08 | | |
| 9.56 | 929.77 | 164.90 | 1,783.76 | 151.22 | 528.32 | 45.30 | 8.75 |
| | 4.55 | 96.65 | 326.84 | 0.25 | 2.08 | | |
| 57.53 | 401.83 | 264.80 | 1,517.35 | 158.60 | 511.87 | 102.08 | 124.17 |
| | 346.26 | 267.96 | 308.90 | | 447.90 | | |
| | 2,085.64 | 834.38 | 2,266.22 | | 1,551.81 | 386.55 | 281.15 |
| 201.99 | 2,160.08 | 1,516.74 | 5,518.14 | 562.89 | 3,812.32 | 448.85 | 95.03 |
| | 954.47 | 501.83 | 829.07 | 14.04 | 187.30 | | 15.62 |
| | | 452.54 | 287.02 | | 476.97 | | |
| 369.80 | 1,875.46 | 967.08 | | 635.75 | 2,302.78 | 126.84 | 442.32 |
| 480.95 | 2,654.26 | 978.99 | | 578.96 | 2,869.97 | 224.16 | 457.68 |
| 549.00 | 1,960.00 | 648.00 | 9,101.00 | 428.00 | 2,307.00 | 655.00 | 115.00 |
| | | | 3,000.00 | | 200.00 | | |
| | | | | | | | |
| 5,101.20 | 75,618.54 | 16,887.88 | 108,432.69 | 8,973.33 | 54,372.56 | 9,871.86 | 4,979.62 |
| 1,042.26 | 16,015.21 | 2,081.42 | 17,993.91 | 1,416.65 | 9,983.20 | 3,076.46 | 1,804.59 |
| | | | | | | | |
| | | | | | | | |
| 162 | 1,080 | 489 | 2,723 | 345 | 968 | 227 | 98 |
| 28 | 179 | 93 | 448 | 57 | 188 | 69 | 50 |
| 5 | 30 | 10 | 72 | 2 | 19 | 4 | 1 |
| 195 | 1,289 | 592 | 3,243 | 404 | 1,175 | 300 | 149 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

EASTERN ONTARIO
SYSTEM—Continued

| Municipality..... | Cobourg | Colborne | Deseronto | Finch | Hastings |
|--|-----------|-----------|-----------|----------|----------|
| Population..... | 5,837 | 986 | 1,363 | 368 | 817 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 28,708.79 | 5,237.91 | 5,782.26 | 2,059.40 | 4,021.17 |
| Commercial light service..... | 18,389.81 | 3,323.63 | 2,328.23 | 1,532.62 | 1,830.40 |
| Commercial power service..... | 24,202.44 | 584.72 | 1,242.49 | 348.55 | 268.02 |
| Municipal power..... | 2,934.62 | 249.45 | 693.16 | | |
| Street lighting..... | 5,653.04 | 1,405.88 | 1,445.33 | 494.00 | 1,164.01 |
| Merchandise..... | | | | | |
| Miscellaneous..... | 2,311.58 | 193.56 | 158.00 | 146.22 | 423.09 |
| Total earnings..... | 82,200.28 | 10,995.15 | 11,649.47 | 4,580.79 | 7,706.69 |
| EXPENSES | | | | | |
| Power purchased..... | 44,620.13 | 4,455.84 | 5,710.93 | 2,712.83 | 3,667.57 |
| Substation operation..... | | | | | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 3,054.29 | 1,169.07 | 1,106.78 | 93.73 | 536.56 |
| Line transformer maintenance..... | 381.97 | 31.36 | | | 22.20 |
| Meter maintenance..... | 1,127.79 | 89.18 | 201.56 | 1.30 | 5.35 |
| Consumers' premises expenses..... | 175.06 | | | | |
| Street lighting, operation and maintenance..... | 1,480.99 | 164.16 | 362.05 | 24.14 | 87.09 |
| Promotion of business..... | 932.01 | 55.97 | 97.73 | | |
| Billing and collecting..... | 3,017.92 | | 289.27 | | 232.80 |
| General office, salaries and expenses..... | 3,544.37 | 1,248.37 | 765.78 | 259.84 | 128.31 |
| Undistributed expenses..... | 1,222.40 | | 59.69 | | 35.29 |
| Truck operation and maintenance..... | 534.98 | 265.56 | 75.67 | | |
| Interest..... | 4,453.24 | 707.52 | 278.27 | 306.99 | 1,011.80 |
| Sinking fund and principal payments on debentures..... | 3,782.76 | 458.17 | 560.76 | 303.30 | 746.10 |
| Depreciation..... | 2,645.00 | 308.00 | 408.00 | 282.00 | 508.00 |
| Other reserves..... | | | | | |
| Total operating costs and fixed charges..... | 70,972.91 | 8,953.20 | 9,916.49 | 3,984.13 | 6,981.07 |
| Net surplus..... | 11,227.37 | 2,041.95 | 1,732.98 | 596.66 | 725.62 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 1,245 | 232 | 288 | 84 | 192 |
| Commercial light service..... | 294 | 73 | 65 | 34 | 53 |
| Power service..... | 51 | 5 | 8 | 1 | 4 |
| Total..... | 1,590 | 310 | 361 | 119 | 249 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| Havelock | Kemptville | Kingston | Lakefield | Lanark | Lancaster | Lindsay |
|-----------|------------|------------|-----------|----------|-----------|------------|
| 1,161 | 1,330 | 24,173 | 1,374 | 673 | 602 | 6,949 |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 5,527.21 | 7,030.92 | 126,445.96 | 6,229.34 | 2,912.93 | 2,174.26 | 41,473.05 |
| 2,654.12 | 4,338.47 | 84,172.01 | 3,891.35 | 1,305.01 | 1,877.32 | 26,888.95 |
| 2,555.97 | 5,323.23 | 97,860.10 | 2,969.90 | | | 28,417.69 |
| | | 9,033.99 | | | | 3,037.09 |
| 1,533.00 | 1,712.00 | 22,297.00 | 1,873.06 | 570.00 | 902.00 | 6,404.96 |
| 536.68 | 1,029.60 | 2,887.83 | 489.79 | 126.14 | 62.21 | 4,357.97 |
| 12,806.98 | 19,434.22 | 342,696.89 | 15,453.44 | 4,914.08 | 5,015.79 | 110,579.71 |
| 6,317.82 | 11,203.39 | 185,457.45 | 8,672.69 | 2,937.26 | 2,624.03 | 66,530.87 |
| | | 5,148.00 | | | | |
| | | 4,301.95 | | | | |
| 770.35 | 661.51 | 16,737.63 | 885.05 | 278.12 | 62.05 | 3,356.47 |
| | 20.27 | 481.21 | 7.20 | | | 878.91 |
| 43.47 | 415.19 | 4,730.32 | 80.00 | 33.57 | 28.95 | 1,170.62 |
| | | 1,912.51 | | | | 473.28 |
| 84.12 | 186.22 | 2,574.61 | 152.14 | 59.73 | 55.06 | 1,754.68 |
| | 518.01 | 438.77 | | | | |
| | 1,047.43 | 5,913.37 | 480.98 | | | 2,736.89 |
| 479.48 | 312.36 | 13,575.26 | 495.03 | 372.15 | 307.53 | 6,291.41 |
| | 110.63 | 7,931.85 | 88.34 | | | 1,486.32 |
| 231.34 | 185.24 | 2,978.48 | | | | |
| 753.63 | 1,014.44 | 3,585.23 | 1,567.89 | 147.38 | 105.46 | 4,761.11 |
| 2,114.74 | 757.85 | 6,624.50 | 997.47 | 553.16 | 846.95 | 5,532.06 |
| 921.00 | 1,038.00 | 22,980.00 | 1,263.00 | 297.00 | 311.00 | 4,046.00 |
| | | 37,500.00 | | | | |
| 11,715.95 | 17,470.54 | 322,871.14 | 14,689.79 | 4,678.37 | 4,341.03 | 99,018.62 |
| 1,091.03 | 1,963.68 | 19,825.75 | 763.65 | 235.71 | 674.76 | 11,561.09 |
| 288 | 334 | 5,900 | 319 | 159 | 83 | 1,887 |
| 60 | 87 | 875 | 70 | 35 | 35 | 336 |
| 3 | 8 | 143 | 7 | | | 71 |
| 351 | 429 | 6,918 | 396 | 194 | 118 | 2,294 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

EASTERN ONTARIO
SYSTEM—Continued

| Municipality..... | Madoc | Marmora | Martin- town P.V. | Maxville | Napanee |
|---|-----------|----------|-------------------------|----------|-----------|
| Population..... | 1,253 | 986 | | 699 | 3,013 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 4,515.58 | 3,761.43 | 849.80 | 3,643.62 | 24,699.57 |
| Commercial light service..... | 3,305.46 | 1,894.65 | 1,007.20 | 2,752.91 | 14,141.44 |
| Commercial power service..... | 1,255.15 | 355.58 | | | 11,436.14 |
| Municipal power..... | | | | | 879.00 |
| Street lighting..... | 1,500.00 | 1,361.00 | 270.00 | 1,170.00 | 4,191.00 |
| Merchandise..... | | | | | |
| Miscellaneous..... | 66.80 | 78.71 | 9.76 | 45.12 | 2,320.40 |
| Total earnings..... | 10,642.99 | 7,451.37 | 2,136.76 | 7,611.65 | 57,667.55 |
| EXPENSES | | | | | |
| Power purchased..... | 6,440.14 | 3,793.60 | 1,172.55 | 4,299.48 | 30,440.50 |
| Substation operation..... | | | | | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 890.70 | 261.78 | 58.75 | 412.07 | 2,984.09 |
| Line transformer maintenance..... | 102.49 | | | | 75.64 |
| Meter maintenance..... | 72.28 | | 22.37 | 19.65 | 673.74 |
| Consumers' premises expenses..... | | | | 25.00 | 69.13 |
| Street lighting, operation and main- tenance..... | 65.49 | 104.04 | 17.50 | 128.65 | 371.92 |
| Promotion of business..... | | | | | 492.21 |
| Billing and collecting..... | | | | | 1,588.95 |
| General office, salaries and expenses..... | 1,029.81 | 618.91 | 156.65 | 303.55 | 4,522.64 |
| Undistributed expenses..... | | | | | 1,522.60 |
| Truck operation and maintenance..... | | | | | |
| Interest..... | | 401.12 | | 317.10 | 840.06 |
| Sinking fund and principal payments on debentures..... | | 870.66 | | 1,024.41 | 2,741.20 |
| Depreciation..... | 426.00 | 614.00 | 151.00 | 530.00 | 1,669.00 |
| Other reserves..... | | | | | |
| Total operating costs and fixed charges..... | 9,026.91 | 6,664.11 | 1,578.82 | 7,059.91 | 47,991.68 |
| Net surplus..... | 1,616.08 | 787.26 | 557.94 | 551.74 | 9,675.87 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 276 | 206 | 42 | 145 | 778 |
| Commercial light service..... | 87 | 47 | 22 | 49 | 196 |
| Power service..... | 6 | 3 | | | 31 |
| Total..... | 369 | 256 | 64 | 194 | 1,005 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| Norwood | Omemees | Oshawa | Ottawa | Perth | Peterborough | Picton |
|----------|----------|------------|------------|-----------|--------------|-----------|
| 753 | 588 | 24,097 | 140,316 | 4,215 | 22,973 | 3,560 |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 4,525.06 | 2,592.53 | 173,863.62 | 482,755.62 | 23,396.42 | 136,160.84 | 23,157.64 |
| 2,175.37 | 1,648.46 | 65,992.19 | 177,323.68 | 14,648.69 | 71,979.57 | 14,755.08 |
| 703.27 | 2,585.60 | 234,908.93 | 54,344.34 | 15,134.90 | 95,783.87 | 5,663.51 |
| | | 8,496.08 | 20,533.27 | 1,847.49 | 7,062.07 | 2,045.14 |
| 1,587.00 | 995.59 | 11,868.57 | 76,546.33 | 2,387.60 | 21,984.79 | 3,101.35 |
| | | | | 1,924.45 | | 1,004.37 |
| 589.92 | | 8,054.75 | 4,335.75 | 3,435.11 | 788.65 | 1,782.54 |
| 9,580.62 | 7,822.18 | 503,184.14 | 815,838.99 | 62,774.66 | 333,759.79 | 51,509.63 |
| | | | | | | |
| 3,380.98 | 4,470.33 | 386,134.89 | 389,460.47 | 36,576.63 | 195,130.63 | 32,977.79 |
| | | | 28,017.11 | 389.57 | 6,801.75 | |
| | | | 785.71 | | 309.27 | |
| 500.17 | 365.18 | 4,786.59 | 24,749.15 | 1,774.94 | 5,287.20 | 2,359.12 |
| | | 421.41 | 2,866.41 | 195.54 | 1,089.15 | 53.03 |
| 17.83 | 6.65 | 3,475.78 | 10,380.33 | 346.54 | 5,952.88 | 230.72 |
| | | 887.96 | 3,998.00 | 278.18 | 1,058.65 | |
| 46.52 | 62.65 | 2,108.93 | 29,953.65 | 394.26 | 5,026.83 | 582.64 |
| | | 2,553.56 | 10,784.68 | | 1,076.68 | 194.83 |
| | | 8,653.50 | 43,691.70 | 1,702.83 | 6,488.25 | 1,208.57 |
| 426.78 | 251.33 | 7,343.29 | 30,938.02 | 3,499.74 | 6,487.89 | 2,725.94 |
| | 47.22 | 5,070.10 | 15,043.59 | 259.90 | 5,155.87 | 275.51 |
| 252.59 | | | 2,459.70 | 370.56 | 2,834.15 | 260.68 |
| 1,531.23 | 84.05 | 10,783.60 | 32,449.03 | 3,090.66 | 27,023.03 | |
| 1,222.21 | 905.51 | 12,716.10 | 18,487.92 | 2,166.63 | 14,263.54 | |
| 1,113.00 | 639.00 | 10,758.00 | 80,778.00 | 3,646.00 | 17,608.00 | 2,196.00 |
| | | | | 300.00 | 500.00 | |
| | | | | | | |
| 8,491.31 | 6,831.92 | 455,693.71 | 724,843.47 | 54,991.98 | 302,093.77 | 43,064.83 |
| 1,089.31 | 990.26 | 47,490.43 | 90,995.52 | 7,782.68 | 31,666.02 | 8,444.80 |
| | | | | | | |
| | | | | | | |
| 214 | 140 | 6,136 | 13,367 | 995 | 5,441 | 1,010 |
| 58 | 44 | 530 | 1,362 | 204 | 877 | 194 |
| 2 | 6 | 103 | 192 | 24 | 150 | 34 |
| 274 | 190 | 6,769 | 14,921 | 1,223 | 6,468 | 1,238 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

EASTERN ONTARIO
SYSTEM—Continued

| | | | | | |
|---|-----------|-----------|----------------------|----------|--------------------------|
| Municipality..... | Port Hope | Prescott | Rich- mond 420 | Russell | Smiths Falls 7,539 |
| Population..... | 4,320 | 2,942 | | P.V. | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 29,081.87 | 16,976.33 | 1,803.38 | 2,633.67 | 42,078.97 |
| Commercial light service..... | 12,676.94 | 9,007.78 | 1,800.79 | 1,405.60 | 15,879.23 |
| Commercial power service..... | 28,100.00 | 3,812.32 | | | 25,820.57 |
| Municipal power..... | 1,282.03 | 1,694.71 | | | 225.00 |
| Street lighting..... | 4,312.16 | 3,475.00 | 416.04 | 752.00 | 7,468.04 |
| Merchandise..... | | | | | 15.95 |
| Miscellaneous..... | 622.90 | 258.55 | 1.26 | 85.14 | 3,431.78 |
| Total earnings..... | 76,075.90 | 35,224.69 | 4,021.47 | 4,876.41 | 94,919.54 |
| EXPENSES | | | | | |
| Power purchased..... | 44,606.46 | 21,998.45 | 2,326.10 | 2,411.67 | 47,201.45 |
| Substation operation..... | | 1,358.50 | | | 586.95 |
| Substation maintenance..... | | | | | 25.23 |
| Distribution system, operation and maintenance..... | 2,227.80 | 1,939.67 | 64.11 | 257.60 | 3,864.30 |
| Line transformer maintenance..... | 72.17 | 12.85 | | | 128.98 |
| Meter maintenance..... | 1,118.71 | 151.42 | 11.00 | 6.55 | 1,003.94 |
| Consumers' premises expenses..... | | 33.30 | | | |
| Street lighting, operation and main- tenance..... | 987.60 | 577.93 | 15.75 | 77.43 | 686.85 |
| Promotion of business..... | | | | | 1,514.85 |
| Billing and collecting..... | 1,628.74 | 1,198.03 | | | 2,765.61 |
| General office, salaries and expenses..... | 3,430.46 | 2,114.51 | 193.38 | 351.40 | 2,455.45 |
| Undistributed expenses..... | 915.52 | 360.70 | | | 492.97 |
| Truck operation and maintenance..... | 350.89 | | | | 431.80 |
| Interest..... | | | 301.85 | 352.94 | 2,548.50 |
| Sinking fund and principal payments on debentures..... | | | 265.68 | 489.88 | 14,688.64 |
| Depreciation..... | 2,193.00 | 2,959.00 | 223.00 | 307.00 | 6,343.00 |
| Other reserves..... | | | | | 500.00 |
| Total operating costs and fixed charges..... | 57,531.35 | 32,704.36 | 3,400.87 | 4,254.47 | 85,238.52 |
| Net surplus..... | 18,544.55 | 2,520.33 | 620.60 | 621.94 | 9,681.02 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 1,242 | 692 | 59 | 113 | 1,930 |
| Commercial light service..... | 205 | 164 | 25 | 33 | 269 |
| Power service..... | 43 | 18 | | | 44 |
| Total..... | 1,490 | 874 | 84 | 146 | 2,243 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1936

| Stirling 965 | Trenton 6,541 | Tweed 1,276 | Wark- worth P.V. | Wellington ton 920 | Westport 709 | Whitby 3,751 | Williams- burg P.V. |
|-----------------|------------------|----------------|------------------------|--------------------------|-----------------|-----------------|---------------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 5,387.20 | 27,209.22 | 5,873.14 | 2,302.50 | 5,157.16 | 3,113.90 | 20,653.54 | 3,722.56 |
| 3,531.46 | 18,008.53 | 4,475.02 | 1,721.72 | 1,996.76 | 2,901.65 | 10,317.85 | 6,156.10 |
| 1,536.54 | 66,932.52 | 2,734.76 | | 2,156.09 | | 14,650.99 | 205.09 |
| 265.02 | 1,893.04 | 219.22 | | | | 1,897.95 | |
| 1,614.96 | 7,172.98 | 1,843.75 | 632.04 | 955.00 | 1,256.68 | 4,049.56 | 240.00 |
| 437.25 | 2,823.89 | 409.15 | 147.29 | 267.98 | 137.07 | 2,349.94 | 402.77 |
| 12,772.43 | 124,040.18 | 15,555.04 | 4,803.55 | 10,532.99 | 7,409.30 | 53,919.83 | 10,726.52 |
| 6,874.88 | 71,081.88 | 9,095.62 | 2,632.98 | 6,522.16 | 4,299.65 | 30,401.65 | 5,299.85 |
| 183.55 | 77.32 | | | | | 136.77 | |
| 698.35 | 2,151.73 | 1,040.23 | 32.14 | 869.72 | 400.62 | 2,663.90 | 377.32 |
| 34.08 | 121.15 | 64.00 | | | 38.37 | 105.46 | |
| 66.97 | 1,415.93 | 276.03 | 31.21 | 70.48 | 44.79 | 744.28 | 20.20 |
| | 221.70 | | | 0.30 | | 19.84 | 15.13 |
| 167.75 | 556.26 | 387.29 | 19.25 | 173.98 | 102.30 | 614.83 | 45.43 |
| | 39.31 | | | | | 623.58 | |
| 495.88 | 2,804.09 | 576.31 | | | | 1,230.85 | |
| 1,070.44 | 4,927.59 | 794.50 | 207.93 | 629.13 | 699.00 | 2,175.65 | 830.22 |
| 55.99 | 1,660.19 | 86.36 | | 36.00 | 17.73 | 367.53 | |
| 288.61 | | | | | 53.45 | | |
| | 4,792.58 | 419.68 | 535.01 | 673.93 | 684.72 | 1,766.83 | |
| | 6,168.33 | 744.03 | 264.13 | 773.11 | 532.93 | 2,587.18 | |
| 897.00 | 4,290.00 | 509.00 | 329.00 | 770.00 | 230.00 | 3,218.15 | 242.00 |
| | | 50.00 | | | | | 100.00 |
| 10,833.50 | 100,308.06 | 14,043.05 | 4,051.65 | 10,518.81 | 7,103.56 | 46,656.50 | 6,930.15 |
| 1,938.93 | 23,732.12 | 1,511.99 | 751.90 | 14.18 | 305.74 | 7,263.33 | 3,796.37 |
| 278 | 1,350 | 275 | 106 | 299 | 100 | 859 | 118 |
| 86 | 257 | 96 | 48 | 62 | 55 | 158 | 60 |
| 9 | 50 | 11 | | 5 | | 20 | 1 |
| 373 | 1,657 | 382 | 154 | 366 | 155 | 1,037 | 179 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

EASTERN ONTARIO
SYSTEM—ConcludedTHUNDER BAY
SYSTEM

| Municipality..... | Winchester | EASTERN ONTARIO SYSTEM SUMMARY | Fort William | Nipigon |
|---|--------------|---|--------------|--------------|
| Population..... | 1,057 | | 24,371 | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 6,744.84 | 1,510,095.27 | 199,114.34 | 2,847.93 |
| Commercial light service..... | 3,452.19 | 735,381.29 | 65,055.76 | 2,119.01 |
| Commercial power service..... | 1,435.02 | 890,754.33 | 45,797.93 | 209.75 |
| Municipal power..... | | 77,880.16 | 23,740.84 | 598.06 |
| Street lighting..... | 1,062.00 | 244,909.17 | 17,960.57 | 432.00 |
| Merchandise..... | 41.54 | 3,093.02 | | |
| Miscellaneous..... | 411.71 | 64,361.87 | 7,147.43 | 84.06 |
| Total earnings..... | 13,147.30 | 3,526,475.11 | 358,816.87 | 6,290.81 |
| EXPENSES | | | | |
| Power purchased..... | 8,250.35 | 2,046,142.85 | 228,005.59 | 2,609.22 |
| Substation operation..... | | 47,782.20 | 7,283.52 | |
| Substation maintenance..... | | 6,112.76 | 468.62 | |
| Distribution system, operation and maintenance..... | 369.40 | 105,026.43 | 11,887.65 | 247.76 |
| Line transformer maintenance..... | | 8,090.62 | 822.25 | |
| Meter maintenance..... | 95.14 | 39,300.93 | 7,106.70 | 113.22 |
| Consumers' premises expenses..... | | 9,749.86 | 88.38 | |
| Street lighting, operation and main- tenance..... | 74.99 | 55,343.24 | 6,309.01 | 67.14 |
| Promotion of business..... | | 23,130.66 | 1,915.62 | |
| Billing and collecting..... | 455.67 | 100,958.50 | 10,938.86 | |
| General office, salaries and expenses..... | 326.48 | 129,443.31 | 5,239.53 | 708.75 |
| Undistributed expenses..... | | 46,287.22 | 3,573.19 | 89.10 |
| Truck operation and maintenance..... | | 13,015.39 | 1,655.72 | |
| Interest..... | 317.04 | 116,422.17 | 14,900.41 | 355.82 |
| Sinking fund and principal payments on debentures..... | 457.92 | 116,697.42 | 7,943.17 | 516.04 |
| Depreciation..... | 656.00 | 202,522.15 | 13,395.00 | 566.00 |
| Other reserves..... | | 42,150.00 | 1,892.56 | |
| Total operating costs and fixed charges..... | 11,002.99 | 3,108,175.71 | 323,425.78 | 5,273.05 |
| Net surplus..... | 2,144.31 | 418,299.40 | 35,391.09 | 1,017.76 |
| Net loss..... | | | | |
| NUMBER OF CONSUMERS | | | | |
| Domestic service..... | 284 | 57,248 | 5,466 | 147 |
| Commercial light service..... | 72 | 9,253 | 894 | 37 |
| Power service..... | 3 | 1,325 | 101 | 2 |
| Total..... | 359 | 67,826 | 6,461 | 186 |

“B”—Concluded

Hydro Municipalities for Year Ended December 31, 1936

| NORTHERN ONTARIO PROPERTIES SUDBURY DISTRICT | | | | | |
|---|-------------------------------------|------------------|-------------------|--------------------------------|------------------------------------|
| Port Arthur 20,352 | THUNDER BAY SYSTEM SUMMARY | Capreol 1,750 | Sudbury 20,079 | SUDBURY DISTRICT SUMMARY | ALL SYSTEMS GRAND SUMMARY |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 111,852.83 | 313,815.10 | 8,901.72 | 164,869.12 | 173,770.84 | 12,682,140.18 |
| 56,095.05 | 123,269.82 | 3,412.41 | 122,448.49 | 125,860.90 | 6,815,439.16 |
| 716,970.34 | 762,978.02 | | 35,196.11 | 35,196.11 | 10,694,192.44 |
| 34,784.55 | 59,123.45 | 685.07 | 11,576.48 | 12,261.55 | 1,817,986.94 |
| 18,984.96 | 37,377.53 | 1,920.00 | 19,752.64 | 21,672.64 | 1,799,420.87 |
| | | | | | 23,158.76 |
| 21,274.10 | 28,505.59 | | 1,295.38 | 1,295.38 | 575,825.49 |
| 959,961.83 | 1,325,069.51 | 14,919.20 | 355,138.22 | 370,057.42 | 34,408,163.84 |
| | | | | | |
| 750,577.01 | 981,191.82 | 5,629.90 | 154,964.66 | 160,594.56 | 20,486,582.65 |
| 22,641.03 | 29,924.55 | 494.58 | 3,589.71 | 4,084.29 | 478,855.71 |
| 1,370.74 | 1,839.36 | | | | 301,897.24 |
| | | | | | |
| 13,960.34 | 26,095.75 | 963.12 | 9,498.10 | 10,461.22 | 855,576.02 |
| 851.84 | 1,674.09 | | 556.65 | 556.65 | 72,711.67 |
| 5,999.43 | 13,219.35 | 11.95 | 4,815.22 | 4,827.17 | 328,410.90 |
| | 88.38 | | 1,276.67 | 1,276.67 | 306,644.80 |
| | | | | | |
| 7,557.21 | 13,933.36 | 429.45 | 4,491.07 | 4,920.52 | 356,932.01 |
| 2,276.35 | 4,191.97 | | | | 288,338.93 |
| 10,105.13 | 21,043.99 | 1,440.59 | 12,007.10 | 13,447.69 | 945,892.70 |
| 12,545.06 | 18,493.34 | 324.42 | 9,774.37 | 10,098.79 | 967,269.06 |
| 3,656.02 | 7,318.31 | 219.50 | 75,342.36 | 75,561.86 | 448,332.98 |
| 1,362.07 | 3,017.79 | | 1,664.17 | 1,664.17 | 69,805.06 |
| 11,077.89 | 26,334.12 | 807.91 | 11,500.65 | 12,308.56 | 1,893,304.28 |
| | | | | | |
| 3,887.28 | 12,346.49 | 1,604.04 | 16,285.30 | 17,889.34 | 2,448,223.80 |
| | | | | | |
| 27,321.93 | 41,282.93 | 1,181.00 | 10,460.00 | 11,641.00 | 2,062,077.67 |
| | | | | | |
| 4,000.00 | 5,892.56 | | | | 167,944.19 |
| | | | | | |
| 879,189.33 | 1,207,888.16 | 13,106.46 | 316,226.03 | 329,332.49 | 32,478,799.67 |
| 80,772.50 | 117,181.35 | 1,812.74 | 38,912.19 | 40,724.93 | 1,929,364.17 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| 4,438 | 10,051 | 328 | 4,787 | 5,115 | 474,337 |
| 768 | 1,699 | 50 | 938 | 988 | 74,003 |
| 100 | 203 | 1 | 171 | 172 | 12,912 |
| 5,306 | 11,953 | 379 | 5,896 | 6,275 | 561,252 |

STATEMENT "C"

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

| Municipality | Population | Number of lamps | Size and style of lamps | | Rate per lamp per annum | Cost to municipality in 1936 | Cost per capita |
|-------------------|------------|-----------------|-------------------------|---|-------------------------|------------------------------|-----------------|
| | | | | | \$ c. | \$ c. | \$ c. |
| Acton..... | 1,957 | { 128 | 80 c.p. | s | 9.00) | 1,876.83 | 0.96 |
| | | { 5 | 80 c.p. | s | 12.00 | | |
| | | { 8 | 60 watt | m | 4.00 | | |
| | | { 60 | 100 watt | m | 9.00 | | |
| | | { 1 | 150 watt | m | 12.00 | | |
| | | { 4 | 300 watt | m | 20.00) | | |
| Agincourt..... | | 62 | 100 watt | m | 12.00 | 736.00 | ** |
| Ailsa Craig..... | 452 | { 62 | 100 watt | m | 10.00) | 638.00 | 1.41 |
| | | { 1 | 200 watt | m | 18.00) | | |
| Alexandria..... | 1,931 | 137 | 100 watt | m | 16.00 | 2,360.00 | 1.22 |
| Alliston..... | 1,412 | { 104 | 100 c.p. | s | 17.50) | 2,031.50 | 1.43 |
| | | { 12 | 100 watt | m | 17.50) | | |
| Alvinston..... | 607 | { 84 | 100 watt | m | 20.00) | 1,854.00 | 3.05 |
| | | { 6 | 200 watt | m | 29.00) | | |
| Amherstburg..... | 2,670 | { 82 | 100 c.p. | s | 15.00) | 2,379.96 | †† |
| | | { 9 | 250 c.p. | s | 30.00 | | |
| | | { 26 | 200 watt | m | 20.00 | | |
| | | { 12 | 300 watt | m | 30.00) | | |
| Ancaster Twp..... | | { 32 | 100 watt | m | 11.50) | 1,054.00 | ** |
| | | { 49 | 150 watt | m | 14.00) | | |
| Apple Hill..... | | 33 | 100 watt | m | 16.00 | 528.00 | ** |
| Arkona..... | 408 | 50 | 100 watt | m | 20.00 | 1,000.00 | 2.45 |
| Arthur..... | 1,052 | 92 | 100 watt | m | 18.00 | 1,651.50 | 1.57 |
| Athens..... | 626 | { 40 | 100 watt | m | 12.00) | 1,055.00 | 1.68 |
| | | { 23 | 200 watt | m | 25.00) | | |
| Aylmer..... | 1,992 | { 182 | 100 watt | m | 10.00) | 2,427.49 | 1.22 |
| | | { 24 | 300 watt | m | 25.00) | | |
| | | { 1 | Traffic light | m | 40.00) | | |
| Ayr..... | 763 | { 92 | 100 watt | m | 10.00) | 1,028.00 | 1.34 |
| | | { 3 | 500 watt | m | 36.00) | | |
| Baden..... | | 69 | 100 watt | m | 9.00 | 621.00 | ** |

NOTE: The "Cost to municipality in 1936" represents the charges billed to the municipality by the utility for street lighting service in the calendar year. This total charge differs in some cases from the total computed for the installation at the rates shown, for the following reasons:—FIRST: Certain equipment may have been in service for less than twelve months. SECOND: More equipment than shown for December 31 may have been in service earlier in the year.

**Population not shown in Government statistics. s Series system. m Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

| Municipality | Population | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1936 | Cost per capita |
|------------------|------------|-----------------|----------------------------|-------------------------|------------------------------|-----------------|
| | | | | \$ c. | \$ c. | \$ c. |
| Barrie..... | 7,856 | { 473 | 50 c.p. <i>s</i> | 9.00 | 6,138.39 | 0.78 |
| | | { 15 | 100 watt <i>m</i> | 17.00 | | |
| | | { 50 | 200 watt <i>m</i> | 22.00 | | |
| | | { 8 | 200 watt <i>m</i> | 18.00 | | |
| | | { 3 | 200 watt (6 mos.) <i>m</i> | 15.00 | | |
| | | { 13 | 300 watt (9 mos.) <i>m</i> | 25.00 | | |
| | | { 1 | 500 watt <i>m</i> | 30.00 | | |
| Bath..... | 360 | 21 | 100 watt <i>m</i> | 34.00 | 714.00 | 1.98 |
| Beachville..... | | 47 | 100 watt <i>m</i> | 11.00 | 517.00 | ** |
| Beaverton..... | 920 | { 105 | 100 watt <i>m</i> | 10.00 | 1,305.50 | 1.42 |
| | | { 11 | 100 watt (6 mos.) <i>m</i> | 7.00 | | |
| | | { 6 | 500 watt <i>m</i> | 30.00 | | |
| Beeton..... | 585 | { 65 | 150 c.p. <i>s</i> | 16.00 | 1,264.00 | 2.16 |
| | | { 14 | 100 watt <i>m</i> | 16.00 | | |
| Belle River..... | 705 | 78 | 100 watt <i>m</i> | 12.00 | 936.00 | 1.33 |
| Belleville..... | 14,411 | { 559 | 100 c.p. <i>s</i> | 8.00 | 10,170.25 | 0.71 |
| | | { 11 | 250 c.p. <i>s</i> | 20.00 | | |
| | | { 52 | 1,000 c.p. <i>s</i> | 40.00 | | |
| | | { 147 | 300 watt <i>m</i> | 25.00 | | |
| Blenheim..... | 1,740 | { 164 | 150 c.p. <i>s</i> | 12.00 | 2,512.00 | †† |
| | | { 3 | 400 c.p. <i>s</i> | 28.00 | | |
| | | { 12 | 600 c.p. <i>s</i> | 37.00 | | |
| | | { 1 | Traffic light | 16.00 | | |
| Bloomfield..... | 669 | 60 | 100 c.p. <i>s</i> | 12.00 | 720.22 | 1.08 |
| Blyth..... | 632 | 100 | 100 watt <i>m</i> | 13.00 | 1,300.00 | 2.06 |
| Bolton..... | 559 | { 45 | 100 watt <i>m</i> | 12.00 | 1,078.24 | 1.93 |
| | | { 23 | 200 watt <i>m</i> | 21.50 | | |
| Bothwell..... | 697 | { 66 | 100 watt <i>m</i> | 11.00 | 1,293.00 | 1.86 |
| | | { 21 | 300 watt <i>m</i> | 27.00 | | |
| Bowmanville..... | 3,631 | { 177 | 100 c.p. <i>s</i> | 10.00 | 3,158.81 | 0.87 |
| | | { 4 | 150 watt <i>m</i> | 20.00 | | |
| | | { 42 | 300 watt <i>m</i> | 30.00 | | |
| Bradford..... | 999 | { 60 | 150 c.p. <i>s</i> | 16.00 | 1,072.00 | 1.07 |
| | | { 7 | 150 watt <i>m</i> | 16.00 | | |
| Brampton..... | 5,447 | { 671 | 100 watt <i>m</i> | 8.00 | 5,514.50 | 1.01 |
| | | { 2 | 500 watt <i>m</i> | 35.00 | | |
| Brantford..... | 31,212 | { 149 | 1,500 c.p. <i>s</i> | 45.00 | 32,904.95 | †† |
| | | { 3,409 | 100 watt <i>m</i> | 7.50 | | |
| | | { 8 | 250 watt <i>m</i> | 10.00 | | |
| | | { 2 | 300 watt <i>m</i> | 16.00 | | |
| | | { 18 | 750 watt <i>m</i> | 37.00 | | |
| | | { 4 | 750 watt <i>m</i> | 46.00 | | |

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

STATEMENT "C"—Concluded

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing
Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

| Municipality | Popula- tion | Number of lamps | Size and style of lamps | | Rate per lamp per annum | Cost to municipality in 1936 | Cost per capita |
|----------------|-----------------|---|--|--|---|------------------------------------|-----------------------|
| Brantford Twp. | | 372 | 100 watt | <i>m</i> | \$ c. 11.00 | \$ c. 4,092.00 | \$ c. ** |
| Brechin | ‡ | 33 | 100 watt | <i>m</i> | 14.00 | 462.00 | ** |
| Bridgeport | | { 12 57 | 100 watt 100 watt | <i>m</i> <i>m</i> | 7.00 10.00 | 654.00 | ** |
| Brigden | | { 45 21 | 60 watt 100 watt | <i>m</i> <i>m</i> | 11.00 14.00 | 789.00 | ** |
| Brighton | 1,374 | 137 | 100 c.p. | <i>s</i> | 16.00 | 2,191.92 | 1.60 |
| Brockville | 9,874 | { 613 9 35 51 13 | 100 c.p. 1-lt. stand's 3-lt. stand's 5-lt. stand's 300 watt | <i>s</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 10.00 19.00 21.00 24.00 20.00 | 8,453.50 | 0.86 |
| Brussels | 775 | { 81 18 | 100 watt 200 watt | <i>m</i> <i>m</i> | 12.00 18.00 | 1,296.00 | 1.67 |
| Burford | | 67 | 100 watt | <i>m</i> | 10.00 | 670.08 | ** |
| Burgessville | | 24 | 100 watt | <i>m</i> | 13.00 | 312.00 | ** |
| Caledonia | 1,351 | { 147 20 9 6 2 | 100 watt 100 watt (bridge) 100 watt (twp.) 200 watt 300 watt | <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 9.00 9.50 13.00 14.00 21.00 | 1,749.46 | 1.29 |
| Campbellville | | 20 | 100 watt | <i>m</i> | 24.00 | 480.00 | ** |
| Cannington | 757 | { 62 1 3 3 | 100 watt 200 watt 300 watt 500 watt | <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 15.00 18.50 22.00 32.00 | 1,110.49 | 1.47 |
| Capreol | 1,750 | 96 | 100 watt | <i>m</i> | 20.00 | 1,920.00 | 1.10 |
| Cardinal | 1,148 | { 48 12 | 100 watt 200 watt | <i>m</i> <i>m</i> | 15.00 21.00 | 937.00 | 0.82 |
| Carleton Place | 4,250 | { 81 102 68 | 60 watt 200 watt 300 watt | <i>m</i> <i>m</i> <i>m</i> | 13.00 20.00 25.00 | 4,800.75 | 1.13 |
| Cayuga | 700 | 80 | 100 watt | <i>m</i> | 18.00 | 1,441.50 | 2.06 |
| Chatham | 15,957 | { 35 716 32 75 37 137 2 | 150 c.p. 150 c.p. 250 c.p. 600 c.p. 600 c.p. 1,000 c.p. 250 watt Park floodlights | <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>m</i> | 12.00 13.00 16.00 30.00 31.00 38.00 24.00 350.60 | 19,241.60 | †† |

‡Includes Mara and Thorah townships.

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

| Municipality | Population | Number of lamps | Size and style of lamps | | Rate per lamp per annum | Cost to municipality in 1936 | Cost per capita |
|-------------------|------------|-------------------|----------------------------------|----------------------------------|-------------------------|------------------------------|-----------------|
| Chatsworth..... | 302 | 41 | 100 watt | <i>m</i> | \$ c. 15.00 | \$ c. 615.00 | \$ c. 2.04 |
| Chesley..... | 1,759 | 118 | 150 c.p. | <i>s</i> | 13.00 | 1,538.33 | 0.87 |
| Chesterville..... | 1,074 | 86 | 100 watt | <i>m</i> | 12.00 | 1,032.00 | 0.96 |
| Chippawa..... | 1,195 | 98 | 100 watt | <i>m</i> | 13.00 | 1,295.65 | 1.08 |
| Clifford..... | 423 | { 57 8 | 100 watt 200 watt | <i>m</i> <i>m</i> | 13.00 20.00 | 846.48 | 2.00 |
| Clinton..... | 1,873 | { 150 29 1 | 150 c.p. 100 watt 150 watt | <i>s</i> <i>m</i> <i>m</i> | 11.00 11.00 55.00 | 2,014.86 | 1.08 |
| Cobden..... | 641 | { 38 12 | 100 watt 150 watt | <i>m</i> <i>m</i> | 20.00 30.00 | 1,120.00 | 1.75 |
| Cobourg..... | 5,837 | { 392 4 19 | 100 c.p. 250 c.p. 500 watt | <i>s</i> <i>s</i> <i>m</i> | 12.00 23.00 47.50 | 5,653.04 | 0.97 |
| Colborne..... | 986 | { 118 3 | 60 c.p. 100 watt | <i>s</i> <i>m</i> | 12.00 12.00 | 1,405.88 | 1.43 |
| Coldwater..... | 617 | { 44 8 | 100 watt 200 watt | <i>m</i> <i>m</i> | 11.00 17.00 | 608.00 | 0.99 |
| Collingwood..... | 5,749 | 420 | 150 c.p. | <i>s</i> | 9.00 | 3,577.25 | 0.62 |
| Comber..... | | 55 | 100 watt | <i>m</i> | 12.00 | 660.00 | ** |
| Cookstown..... | | 56 | 150 c.p. | <i>s</i> | 15.00 | 840.00 | ** |
| Cottam..... | | 32 | 100 watt | <i>m</i> | 15.00 | 480.00 | ** |
| Courtright..... | 283 | 43 | 100 watt | <i>m</i> | 18.00 | 774.00 | 2.73 |
| Creemore..... | 649 | 60 | 100 watt | <i>m</i> | 12.00 | 711.00 | 1.10 |
| Dashwood..... | | 41 | 100 watt | <i>m</i> | 11.00 | 451.00 | ** |
| Delaware..... | | 22 | 100 watt | <i>m</i> | 12.00 | 264.00 | ** |
| Deseronto..... | 1,363 | 132 | 100 c.p. | <i>s</i> | 10.00 | 1,445.33 | 1.06 |
| Dorchester..... | | 67 | 100 watt | <i>m</i> | 10.00 | 670.00 | ** |
| Drayton..... | 568 | 80 | 100 watt | <i>m</i> | 11.00 | 843.33 | 1.48 |
| Dresden..... | 1,509 | { 128 12 15 | 100 c.p. 100 watt 50 watt | <i>s</i> <i>m</i> <i>m</i> | 13.00 12.00 5.70 | 1,864.32 | 1.24 |
| Drumbo..... | | { 39 1 | 100 watt 250 watt (6 mos.) | <i>m</i> <i>m</i> | 13.00 31.00 | 522.50 | ** |
| Dublin..... | | 50 | 100 watt | <i>m</i> | 14.00 | 700.00 | ** |

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing
Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

| Municipality | Popula- tion | Number of lamps | Size and style of lamps | | Rate per lamp per annum | Cost to municipality in 1936 | Cost per capita |
|--------------------|-----------------|-----------------------------------|---|--|---|------------------------------------|-----------------------|
| Dundalk..... | 646 | 82 | 100 watt | <i>m</i> | \$ c. 15.00 | \$ c. 1,230.00 | \$ c. 1.90 |
| Dundas..... | 5,062 | { 286 12 54 6 | 100 watt 200 watt 200 watt 200 watt (orn.) | <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 12.00 16.00 32.00 26.00 | 5,508.00 | †† |
| Dunnville..... | 3,938 | { 247 27 | 150 c.p. 1,000 c.p. | <i>s</i> <i>s</i> | 10.50 40.00 | 3,673.56 | 0.93 |
| Durham..... | 1,823 | { 105 6 | 150 c.p. 400 c.p. | <i>s</i> <i>s</i> | 17.00 25.00 | 1,940.68 | 1.06 |
| Dutton..... | 810 | 114 | 100 watt | <i>m</i> | 9.00 | 1,021.44 | 1.26 |
| East York Twp..... | | { 1 967 4 2 256 15 | 60 watt 100 watt 200 watt 250 watt 300 watt 500 watt | <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 7.80 13.00 19.50 22.75 26.00 29.00 | 19,564.98 | ** |
| Elmira..... | 2,352 | { 190 8 1 | 100 watt 200 watt 500 watt | <i>m</i> <i>m</i> <i>m</i> | 9.00 12.00 28.00 | 1,834.00 | 0.78 |
| Elmvale..... | | 58 | 100 watt | <i>m</i> | 12.00 | 685.00 | ** |
| Elmwood..... | | 23 | 150 watt | <i>m</i> | 23.00 | 529.00 | ** |
| Elora..... | 1,143 | { 82 27 | 100 watt 200 watt | <i>m</i> <i>m</i> | 14.00 20.00 | 1,687.92 | 1.48 |
| Embro..... | 434 | 56 | 100 watt | <i>m</i> | 12.00 | 672.50 | 1.55 |
| Erieau..... | 286 | 21 | 100 watt | <i>m</i> | 18.00 | 378.00 | 1.32 |
| Essex..... | 1,748 | { 133 15 47 1 21 | 60 watt 100 watt 300 watt 500 watt Empty sockets | <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 7.50 10.00 18.00 28.00 1.50-7.50 | 2,454.18 | †† |
| Etobicoke Twp..... | | { 975 22 2 | 100 watt 100 watt 250 watt | <i>m</i> <i>m</i> <i>m</i> | 13.50 18.00 15.00 | 13,492.44 | ** |
| Exeter..... | 1,658 | { 168 32 3 | 100 watt 300 watt 100 watt (Park) | <i>m</i> <i>m</i> <i>m</i> | 9.50 33.00 8.50 | 2,677.50 | 1.61 |
| Fergus..... | 2,623 | { 152 41 | 100 watt 150 watt | <i>m</i> <i>m</i> | 14.00 16.50 | 2,796.21 | 1.07 |
| Finch..... | 368 | 38 | 100 watt | <i>m</i> | 13.00 | 494.00 | 1.34 |
| Flesherton..... | 469 | { 53 1 | 100 watt 300 watt | <i>m</i> <i>m</i> | 11.00 25.00 | 608.00 | 1.30 |

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing
Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

| Municipality | Popula- tion | Number of lamps | Size and style of lamps | | Rate per lamp per annum | Cost to municipality in 1936 | Cost per capita |
|-------------------|-----------------|---|--|---|---|------------------------------------|-----------------------|
| Fonthill..... | 800 | 71 | 100 watt | <i>m</i> | \$ c. 15.00 | \$ c. 1,065.00 | \$ c. 1.33 |
| Forest..... | 1,475 | { 131 123 3 | { 60 watt 100 watt 100 watt (Station platform) | { <i>m</i> <i>m</i> <i>m</i> | { 7.00 11.00 17.00 | 2,321.00 | 1.57 |
| Fort William..... | 24,371 | { 390 79 247 170 16 64 | { 100 c.p. 600 c.p. 1,000 c.p. 100 watt 250 watt 300 watt | { <i>s</i> <i>s</i> <i>s</i> <i>m</i> <i>m</i> <i>m</i> | { 8.00 28.00 38.00 8.00 18.00 23.00 | 17,960.57 | 0.74 |
| Galt..... | 13,958 | { 975 289 100 27 18 60 40 31 80 12 4 | { 80 c.p. 100 watt 100 watt 100 watt 150 watt 150 watt 150 watt 150 watt 300 watt 300 watt 300 watt | { <i>s</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | { 9.00 6.50 8.00 16.00 8.50 9.00 18.00 21.00 17.00 26.00 26.50 | 14,660.43 | 1.05 |
| Georgetown†..... | 2,283 | { 153 21 1 17 | { 100 watt 300 watt 300 watt 100 watt | { <i>m</i> <i>m</i> <i>m</i> <i>m</i> | { 11.00 30.00 19.00 13.00 | 2,349.74 | ..... |
| Glencoe..... | 903 | { 113 19 | { 100 watt 200 watt | { <i>m</i> <i>m</i> | { 14.00 20.00 | 1,956.18 | 2.17 |
| Goderich..... | 4,344 | { 324 4 8 8 16 | { 100 c.p. 100 c.p. (6 mos.) 100 watt 200 watt 3-lt. stand's. | { <i>s</i> <i>s</i> <i>m</i> <i>m</i> <i>m</i> | { 9.00 9.00 15.00 25.00 35.00 | 3,814.00 | 0.88 |
| Grand Valley..... | 572 | 52 | 100 watt | <i>m</i> | 17.00 | 884.00 | 1.55 |
| Granton..... | | 37 | 100 watt | <i>m</i> | 10.00 | 370.00 | ** |
| Gravenhurst..... | 1,997 | { 134 22 2 16 | { 100 c.p. 50 watt 100 watt 300 watt | { <i>s</i> <i>m</i> <i>m</i> <i>m</i> | { 10.00 7.50 10.00 30.00 | 2,093.00 | 1.05 |
| Guelph..... | 21,173 | { 12 6 1,373 172 35 9 53 1 | { 50 watt 60 watt 100 watt 200 watt 300 watt 500 watt 500 watt (220v) Airport beacon | { <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | { 4.00 4.00 10.00 12.50 18.75 25.00 34.00 60.00 | 18,664.54 | 0.88 |

†Includes Glen Williams.

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

| Municipality | Population | Number of lamps | Size and style of lamps | | Rate per lamp per annum | Cost to municipality in 1936 | Cost per capita |
|------------------|------------|-----------------|-------------------------|----------|-------------------------|------------------------------|-----------------|
| | | | | | \$ c. | \$ c. | \$ c. |
| Hagersville..... | 1,374 | { 115 | 100 watt | <i>m</i> | 14.00 | 2,038.33 | 1.48 |
| | | { 20 | 300 watt | <i>m</i> | 22.00 | | |
| | | { 6 | 40 watt | <i>m</i> | 4.50 | 123,850.05 | 0.80 |
| | | { 96 | 50 watt | <i>m</i> | 6.00 | | |
| | | { 8,299 | 100 watt | <i>m</i> | 7.50 | | |
| | | { 1,167 | 200 watt | <i>m</i> | 11.00 | | |
| | | { 8 | 300 watt | <i>m</i> | 18.00 | | |
| | | { 28 | 300 watt | <i>m</i> | 26.00 | | |
| Hamilton..... | 154,020 | { 77 | 300 watt | <i>m</i> | 32.00 | | |
| | | { 27 | 300 watt | <i>m</i> | 34.00 | | |
| | | { 480 | 500 watt | <i>m</i> | 32.00 | | |
| | | { 601 | 500 watt | <i>m</i> | 37.00 | | |
| | | { 65 | 750 watt | <i>m</i> | 55.00 | 2,917.08 | 0.95 |
| | | { 3 | Danger signals | <i>m</i> | 28.00 | | |
| | | { 2 | 1,200 watt stds. | <i>m</i> | 70.00 | | |
| | | { 93 | 150 c.p. | <i>s</i> | 22.00 | | |
| Hanover..... | 3,056 | { 16 | 300 c.p. | <i>s</i> | 27.00 | 1,539.00 | 1.16 |
| | | { 4 | 100 watt | <i>m</i> | 22.00 | | |
| | | { 13 | 200 watt | <i>m</i> | 27.00 | 1,308.66 | 1.40 |
| Harriston..... | 1,325 | { 89 | 150 c.p. | <i>s</i> | 12.00 | | |
| | | { 3 | 100 watt | <i>m</i> | 12.00 | | |
| | | { 29 | 200 watt | <i>m</i> | 15.00 | 1,164.01 | 1.42 |
| Harrow..... | 933 | { 1 | 100 watt | <i>m</i> | 12.00 | | |
| | | { 79 | 200 watt | <i>m</i> | 16.50 | 1,533.00 | 1.32 |
| Hastings..... | 817 | { 60 | 100 watt | <i>m</i> | 16.00 | | |
| | | { 7 | 200 watt | <i>m</i> | 20.00 | 996.00 | 1.42 |
| Havelock..... | 1,161 | { 63 | 100 c.p. | <i>s</i> | 16.00 | | |
| | | { 21 | 250 c.p. | <i>s</i> | 25.00 | 3,107.00 | 1.08 |
| Hensall..... | 702 | 83 | 100 watt | <i>m</i> | 12.00 | | |
| | | { 91 | 150 c.p. | <i>s</i> | 12.00 | | |
| | | { 34 | 250 c.p. | <i>s</i> | 16.00 | | |
| Hespeler..... | 2,877 | { 15 | 400 c.p. stand's. | <i>s</i> | 30.00 | | |
| | | { 51 | 150 watt | <i>m</i> | 11.00 | | |
| | | { 10 | 300 watt | <i>m</i> | 21.50 | 567.00 | 1.70 |
| | | { 7 | 300 watt stand's. | <i>m</i> | 35.00 | | |
| | | { 40 | 100 watt | <i>m</i> | 11.00 | | |
| Highgate..... | 334 | { 6 | 200 watt | <i>m</i> | 17.00 | | |
| | | { 1 | 300 watt | <i>m</i> | 25.00 | 350.00 | ** |
| Holstein..... | | 14 | 100 watt | <i>m</i> | 25.00 | | |
| Humberstone..... | 2,532 | { 105 | 100 watt | <i>m</i> | 12.00 | 1,449.50 | .057 |
| | | { 16 | 200 watt | <i>m</i> | 17.00 | | |
| | | { 47 | 100 c.p. | <i>s</i> | 12.00 | 2,473.05 | 0.91 |
| | | { 26 | 150 c.p. | <i>s</i> | 16.00 | | |
| | | { 28 | 250 c.p. | <i>s</i> | 20.00 | | |
| Huntsville..... | 2,718 | { 68 | 75 watt | <i>m</i> | 10.00 | | |
| | | { 97 | 75 watt (orn. stand's) | <i>m</i> | 42.00 per 1,000 watts | | |

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

| Municipality | Popula- tion | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1936 | Cost per capita |
|-----------------|-----------------|-----------------------|----------------------------|-------------------------------|------------------------------------|-----------------------|
| | | | | \$ c. | \$ c. | \$ c. |
| Ingersoll..... | 5,158 | 13 | 100 c.p. (park 6 mos.) | <i>s</i> 5.50 | 4,583.14 | †† |
| | | 319 | 100 c.p. | <i>s</i> 10.00 | | |
| | | 2 | 600 c.p. | <i>s</i> 28.00 | | |
| | | 2 | 1,000 c.p. (church) | <i>s</i> 25.00 | | |
| | | 26 | 1,000 c.p. | <i>s</i> 35.00 | | |
| | | 11 | 300 watt | <i>m</i> 30.00 | | |
| Jarvis..... | 495 | 70 | 100 watt | <i>m</i> 11.00 | 770.00 | 1.55 |
| Kemptville..... | 1,330 | 94 | 100 watt | <i>m</i> 18.00 | 1,712.00 | 1.29 |
| | | 1 | 250 watt | <i>m</i> 25.00 | | |
| Kincardine..... | 2,468 | 151 | 150 c.p. | <i>s</i> 20.00 | 4,322.50 | 1.75 |
| | | 6 | 150 c.p. (6 mos.) | <i>s</i> 20.00 | | |
| | | 20 | 100 watt | <i>m</i> 15.00 | | |
| | | 36 | 200 watt | <i>m</i> 25.00 | | |
| | | 1 | 1,000 watt (6 mos.) | <i>m</i> 85.00 | | |
| Kingston..... | 24,173 | 99 | 100 c.p. | <i>s</i> 12.00 | 22,297.00 | 0.92 |
| | | 267 | 600 c.p. | <i>s</i> 35.00 | | |
| | | 259 | 600 c.p. | <i>s</i> 46.00 | | |
| Kingsville..... | 2,125 | 112 | 150 c.p. | <i>s</i> 10.50 | 2,832.00 | †† |
| | | 25 | 250 c.p. | <i>s</i> 15.00 | | |
| | | 122 | 100 watt | <i>m</i> 10.50 | | |
| Kirkfield..... | | 24 | 100 watt | <i>m</i> 20.00 | 480.00 | ** |
| Kitchener..... | 31,933 | 47 | 16 c.p. | <i>s</i> 7.00 | 32,589.82 | †† |
| | | 2,053 | 80 c.p. | <i>s</i> 9.00 | | |
| | | 132 | 250 c.p. | <i>s</i> 13.00 | | |
| | | 18 | 1,000 c.p. | <i>s</i> 25.00 | | |
| | | 202 | 100 watt | <i>m</i> 9.00 | | |
| | | 448 | 200 watt | <i>m</i> 15.00 | | |
| | | 50 | 300 watt | <i>m</i> 17.50 | | |
| | | 109 | 500 watt | <i>m</i> 25.00 | | |
| Lakefield..... | 1,374 | 110 | 100 watt | <i>m</i> 17.00 | 1,873.06 | 1.36 |
| Lambeth..... | | 9 | 100 watt | <i>m</i> 11.00 | 607.82 | ** |
| | | 20 | 300 watt | <i>m</i> 31.00 | | |
| Lanark..... | 673 | 38 | 100 watt | <i>m</i> 15.00 | 570.00 | 0.85 |
| Lancaster..... | 602 | 41 | 100 watt | <i>m</i> 22.00 | 902.00 | 1.50 |
| La Salle†..... | 687 | 66 | Empty sockets | <i>m</i> 7.50 | 495.00 | |
| Leamington..... | 5,020 | 176 | 250 c.p. | <i>s</i> 15.00 | 5,473.48 | †† |
| | | 4 | 400 c.p. | <i>s</i> 19.00 | | |
| | | 193 | 100 watt | <i>m</i> 14.00 | | |
| Lindsay..... | 6,949 | 417 | 100 c.p. | <i>s</i> 11.50 | 6,404.96 | 0.92 |
| | | 27 | 1,000 c.p. | <i>s</i> 60.00 | | |

†Lights not in use.

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing
Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

| Municipality | Popu- lation | Number of lamps | Size and style of lamps | | Rate per lamp per annum | Cost to municipality in 1936 | Cost per capita |
|------------------|-----------------|--|---|--|---|------------------------------------|-----------------------|
| | | | | | \$ c. | \$ c. | \$ c. |
| Listowel..... | 2,798 | { 162 118 8 26 3 | 60 watt 100 watt 200 watt 300 watt 500 watt | <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 9.00 11.00 25.00 30.00 35.00 | 3,840.60 | †† |
| London..... | 75,484 | { 94 8 1,941 114 304 32 277 2 68 30 4 12 63 514 42 11 46 | 100 c.p. 150 c.p. 150 c.p. 400 c.p. 400 c.p. 600 c.p. 600 c.p. 50 watt 100 watt 100 watt 150 watt 200 watt 200 watt 300 watt 300 watt 500 watt 500 watt | <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 10.00 10.00 11.00 18.00 24.00 28.00 30.00 5.00 10.00 14.00 12.00 9.34 14.00 18.00 20.00 25.00 40.00 | 55,101.23 | †† |
| London Twp..... | | { 70 1 | 100 watt 200 watt | <i>m</i> <i>m</i> | 12.00 16.50 | 870.50 | ** |
| Long Branch..... | 3,746 | 302 | 100 watt | <i>m</i> | 13.00 | 3,823.04 | 1.02 |
| Lucan..... | 643 | 71 | 100 watt | <i>m</i> | 14.00 | 994.02 | 1.55 |
| Lucknow..... | 1,062 | 75 | 100 watt | <i>m</i> | 21.00 | 1,575.00 | 1.48 |
| Lynden..... | | 44 | 100 watt | <i>m</i> | 10.00 | 440.00 | ** |
| Madoc..... | 1,253 | { 390 60 1 | 25 watt 100 watt 300 watt | <i>m</i> <i>m</i> <i>m</i> | 3.00 5.00 11.00 | 1,500.00 | 1.20 |
| Markdale..... | 791 | 90 | 150 c.p. | <i>s</i> | 10.00 | 900.00 | 1.14 |
| Markham..... | 1,114 | 112 | 100 watt | <i>m</i> | 12.00 | 1,344.00 | 1.21 |
| Marmora..... | 986 | { 44 24 19 | 75 watt 100 watt 150 watt | <i>m</i> <i>m</i> <i>m</i> | 14.00 16.00 19.00 | 1,361.00 | 1.38 |
| Martintown..... | | 15 | 100 watt | <i>m</i> | 18.00 | 270.00 | ** |
| Maxville..... | 699 | 65 | 150 c.p. | <i>s</i> | 18.00 | 1,170.00 | 1.67 |
| Meaford..... | 2,762 | { 182 28 35 | 150 c.p. 100 watt 200 watt | <i>s</i> <i>m</i> <i>m</i> | 11.00 11.00 19.00 | 2,966.13 | 1.07 |
| Merlin..... | | 43 | 100 watt | <i>m</i> | 15.00 | 645.00 | ** |

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing
Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

| Municipality | Popula- tion | Number of lamps | Size and style of lamps | | Rate per lamp per annum | Cost to municipality in 1936 | Cost per capita |
|--------------------|-----------------|--|---|--|--|------------------------------------|-----------------------|
| | | | | | \$ c. | \$ c. | \$ c. |
| Merritton..... | 2,530 | { 305 25 | 100 watt 300 watt | <i>m</i> <i>m</i> | 9.00 25.00 | 3,370.00 | 1.33 |
| Midland..... | 6,845 | { 328 52 30 8 36 | 150 c.p. 100 watt 300 watt 300 watt (6 mos.) 500 watt | <i>s</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 11.00 11.00 22.00 24.00 40.00 | 6,376.00 | 0.93 |
| Mildmay..... | 755 | { 46 11 | 100 watt 150 watt | <i>m</i> <i>m</i> | 12.00 19.00 | 761.00 | 1.01 |
| Milton..... | 1,739 | { 206 3 | 100 watt 300 watt | <i>m</i> <i>m</i> | 9.50 30.00 | 2,038.91 | 1.17 |
| Milverton..... | 992 | { 95 12 | 100 watt 200 watt | <i>m</i> <i>m</i> | 9.00 12.00 | 999.00 | 1.01 |
| Mimico..... | 6,915 | { 335 92 47 | 100 watt 200 watt 300 watt | <i>m</i> <i>m</i> <i>m</i> | 12.00 20.00 26.00 | 7,047.00 | 1.02 |
| Mitchell..... | 1,567 | 232 | 150 c.p. | <i>s</i> | 9.00 | 2,088.00 | 1.32 |
| Moorefield..... | | 25 | 100 watt | <i>m</i> | 14.00 | 350.00 | ** |
| Mount Brydges..... | | { 53 1 | 100 watt 200 watt | <i>m</i> <i>m</i> | 10.00 17.00 | 547.00 | ** |
| Mount Forest..... | 1,743 | { 120 39 35 | 150 c.p. 250 c.p. 100 watt | <i>s</i> <i>s</i> <i>m</i> | 11.00 14.00 11.00 | 2,251.00 | 1.29 |
| Napanee..... | 3,013 | { 152 2 2 40 5 21 | 100 watt 250 watt 250 watt 300 watt 300 watt stand's. 400 watt (clusters) | <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 12.00 28.00 30.00 34.00 27.00 36.00 | 4,191.00 | 1.39 |
| Neustadt..... | 484 | 39 | 150 c.p. | <i>s</i> | 25.00 | 975.00 | 2.01 |
| Newbury..... | 282 | 47 | 100 watt | <i>m</i> | 15.00 | 705.00 | 2.50 |
| New Hamburg..... | 1,456 | { 165 61 | 100 watt 200 watt | <i>m</i> <i>m</i> | 9.00 12.00 | 2,217.00 | 1.52 |
| New Toronto..... | 8,040 | { 122 20 15 83 14 126 3 2 | 75 watt 150 watt 200 watt 300 watt 300 watt 300 watt 500 watt 1,000 watt | <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 13.00 15.50 17.00 21.00 22.00 24.00 29.00 52.00 | 8,427.62 | 1.05 |

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

| Municipality | Population | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1936 | Cost per capita |
|--------------------------|------------|-----------------|-------------------------|-------------------------|------------------------------|-----------------|
| | | | | \$ c. | \$ c. | \$ c. |
| Niagara Falls..... | 18,527 | { 828 | 100 c.p. | <i>s</i> 11.00 | 27,175.34 | 1.46 |
| | | { 3 | 250 c.p. | <i>s</i> 13.00 | | |
| | | { 61 | 600 c.p. | <i>s</i> 18.00 | | |
| | | { 235 | 600 c.p. (orn.) | <i>s</i> 37.00 | | |
| | | { 196 | 1,000 c.p. (orn.) | <i>s</i> 42.00 | | |
| | | { 4 | 100 watt | <i>m</i> 11.00 | | |
| Niagara-on-the-Lake..... | 1,815 | { 222 | 100 watt | <i>m</i> 11.00 | 2,856.96 | 1.57 |
| | | { 25 | 200 watt | <i>m</i> 18.00 | | |
| | | { 4 | 300 watt | <i>m</i> 20.00 | | |
| Nipigon..... | | { 29 | 100 watt | <i>m</i> 12.00 | 432.00 | ** |
| | | { 9 | 200 watt | <i>m</i> 12.00 | | |
| North York Twp..... | | { 81 | 100 watt | <i>m</i> 12.00 | 3,817.73 | ** |
| | | { 20 | 100 watt | <i>m</i> 13.00 | | |
| | | { 32 | 100 watt | <i>m</i> 13.50 | | |
| | | { 12 | 100 watt | <i>m</i> 15.00 | | |
| | | { 10 | 100 watt | <i>m</i> 16.50 | | |
| | | { 1 | 100 watt | <i>m</i> 17.70 | | |
| | | { 1 | 100 watt | <i>m</i> 18.00 | | |
| | | { 65 | 200 watt | <i>m</i> 23.00 | | |
| | | { 1 | 400 watt | <i>m</i> 31.00 | | |
| | | { 1 | (floodlight) | | | |
| | | { 1 | 400 watt | <i>m</i> 43.00 | | |
| | | { 2 | (mercury) | | | |
| | | { 2 | 1,000 watt | <i>m</i> 65.00 | | |
| Norwich..... | 1,163 | { 114 | 100 watt | <i>m</i> 10.00 | 2,120.00 | 1.82 |
| | | { 28 | 400 watt | <i>m</i> 28.00 | | |
| | | { 80 | 100 c.p. | <i>s</i> 18.00 | | |
| | | { 6 | 100 c.p. | <i>s</i> 20.00 | | |
| | | { 1 | 100 c.p. | <i>s</i> 27.00 | | |
| Norwood..... | 753 | { 80 | 100 c.p. | <i>s</i> 18.00 | 1,587.00 | 2.11 |
| | | { 6 | 100 c.p. | <i>s</i> 20.00 | | |
| Oil Springs..... | 472 | { 41 | 100 watt | <i>m</i> 18.00 | 768.00 | 1.63 |
| | | { 1 | 300 watt (6 mos.) | <i>m</i> 30.00 | | |
| Omemee..... | 588 | { 48 | 100 c.p. | <i>s</i> 14.00 | 995.59 | 1.69 |
| | | { 4 | 100 watt | <i>m</i> 12.50 | | |
| | | { 10 | 250 watt | <i>m</i> 28.00 | | |
| Orangeville..... | 2,792 | { 97 | 150 c.p. | <i>s</i> 12.00 | 3,014.04 | 1.08 |
| | | { 50 | 250 c.p. | <i>s</i> 18.00 | | |
| | | { 38 | 300 watt | <i>m</i> 25.00 | | |
| Oshawa..... | 24,097 | { 848 | 100 c.p. | <i>s</i> 11.00 | 11,868.57 | 0.49 |
| | | { 1 | 1,000 c.p. | <i>s</i> 27.00 | | |
| | | { 48 | 100 watt | <i>m</i> 12.00 | | |
| | | { 109 | 150 watt | <i>m</i> 13.00 | | |
| | | { 30 | 200 watt | <i>m</i> 18.00 | | |

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

| Municipality | Popula- tion | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1936 | Cost per capita |
|-------------------|-----------------|-----------------------|----------------------------|-------------------------------|------------------------------------|-----------------------|
| | | | | \$ c. | \$ c. | \$ c. |
| Ottawa..... | 140,316 | { 740 | 100 c.p. (driveway) | <i>s</i> 6.00 | 76,546.33 | 0.55 |
| | | { 380 | 100 c.p. | <i>s</i> 7.00 | | |
| | | { 820 | 400 c.p. | <i>s</i> 25.00 | | |
| | | { 857 | 600 c.p. | <i>s</i> 35.00 | | |
| | | { 59 | Arcs | <i>s</i> 45.00 | | |
| | | { 2,910 | 100 watt (white way) | <i>m</i> 48c. per ft. | | |
| Otterville..... | | { 39 | 100 watt (residential) | <i>m</i> 5½c. per ft. | 813.50 | ** |
| | | { 59 | 100 watt | <i>m</i> 11.00 | | |
| | | { 12 | 200 watt | <i>m</i> 16.00 | | |
| Owen Sound..... | 13,139 | { 435 | 150 c.p. | <i>s</i> 13.00 | 12,963.10 | 0.99 |
| | | { 335 | 400 c.p. | <i>s</i> 16.00 | | |
| | | { 12 | 600 c.p. | <i>s</i> 23.00 | | |
| | | { 43 | 1,000 c.p. | <i>s</i> 37.00 | | |
| Paisley..... | 752 | 90 | 100 watt | <i>m</i> 14.00 | 1,260.00 | 1.68 |
| Palmerston..... | 1,410 | { 64 | 80 c.p. | <i>s</i> 9.00 | 2,136.38 | 1.52 |
| | | { 1 | 400 c.p. | <i>s</i> 25.00 | | |
| | | { 11 | 60 watt | <i>m</i> 9.00 | | |
| | | { 25 | 100 watt | <i>m</i> 10.00 | | |
| | | { 8 | 150 watt | <i>m</i> 10.00 | | |
| | | { 3 | 250 watt | <i>m</i> 25.00 | | |
| | | { 19 | 300 watt | <i>m</i> 25.00 | | |
| | | { 32 | 300 watt stand's. | <i>m</i> 30.00 | | |
| Paris..... | 4,324 | { 1 | 500 watt | <i>m</i> 35.00 | 5,510.00 | 1.27 |
| | | { 470 | 100 c.p. | <i>s</i> 8.50 | | |
| | | { 10 | 400 c.p. | <i>s</i> 28.00 | | |
| | | { 25 | 500 c.p. | <i>s</i> 35.00 | | |
| | | { 2 | 60 watt | <i>m</i> 7.00 | | |
| | | { 2 | 100 watt | <i>m</i> 9.00 | | |
| Parkhill..... | 979 | { 8 | 500 watt | <i>m</i> 35.00 | 1,537.94 | 1.57 |
| | | { 88 | 100 watt | <i>s</i> 14.00 | | |
| Penetanguishene | 3,989 | { 15 | 200 watt | <i>m</i> 23.00 | 2,239.00 | 0.56 |
| | | { 192 | 150 c.p. | <i>s</i> 11.00 | | |
| | | { 5 | 200 watt | <i>m</i> 15.00 | | |
| Perth..... | 4,215 | { 4 | 300 watt | <i>m</i> 20.00 | 2,387.60 | 0.57 |
| | | { 76 | 100 c.p. | <i>s</i> 17.00 | | |
| | | { 12 | 250 c.p. | <i>s</i> 27.00 | | |
| | | { 7 | 400 c.p. | <i>s</i> 30.00 | | |
| Peterborough..... | 22,973 | { 13 | 600 c.p. | <i>s</i> 45.00 | 21,984.79 | 0.96 |
| | | { 156 | 60 watt | <i>m</i> 12.00 | | |
| | | { 364 | 100 watt | <i>m</i> 13.00 | | |
| | | { 586 | 300 watt | <i>m</i> 20.00 | | |
| | | { 85 | 300 watt | <i>m</i> 45.00 | | |

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

| Municipality | Popula- tion | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1936 | Cost per capita | |
|--------------------|-----------------|--------------------------------|---|-------------------------------|---|-----------------------|------|
| | | | | \$ c. 12.00 } | \$ c. | \$ c. | |
| Petrolia..... | 2,705 | { 147 24 | 150 c.p. 600 c.p. | s s | 38.00 } | 2,674.00 | 0.99 |
| Picton..... | 3,560 | { 231 85 | 100 c.p. 250 c.p. | s s | 9.00 15.00 } | 3,101.35 | 0.87 |
| Plattsville..... | | 34 | 100 watt | m | 12.00 | 408.00 | ** |
| Point Edward..... | 1,290 | { 100 15 | 150 c.p. 250 c.p. | s s | 13.00 20.00 } | 1,602.62 | 1.24 |
| Port Arthur..... | 20,352 | { 2,709 232 208 | 100 watt 300 watt 500 watt | m m m | 5.00 10.00 15.00 } | 18,984.96 | 0.93 |
| Port Colborne..... | 5,844 | { 15 78 272 34 131 | 400 c.p. 600 c.p. 100 watt 100 watt 200 watt | s s m m m | 23.00 25.00 12.00 14.00 18.00 } | 7,853.12 | †† |
| Port Credit..... | 1,750 | 275 | 100 watt | m | 10.00 | 2,750.00 | 1.57 |
| Port Dalhousie... | 1,408 | { 129 2 | 100 watt 200 watt | m m | 12.50 15.00 } | 1,636.25 | 1.16 |
| Port Dover..... | 1,606 | { 201 30 15 4 262 | 100 watt 100 watt (Summer) 300 watt 300 watt (Summer) 25 watt (decorative) | m m m m m m | 10.00 6.00 18.00 10.00 0.67 } | 2,675.54 | 1.67 |
| Port Elgin..... | 1,270 | { 106 160 110 26 | 100 watt (6 mos.) 100 watt (4 mos.) 100 watt (2 mos.) 200 watt | m m m m | 14.00 14.00 14.00 22.00 } | 2,317.34 | 1.82 |
| Port Hope..... | 4,320 | 392 | 100 c.p. | s | 11.00 | 4,312.16 | 0.99 |
| Port McNicoll.... | 935 | { 54 20 | 100 watt 200 watt | m m | 12.00 20.00 } | 1,048.00 | 1.12 |
| Port Perry..... | 1,125 | 98 | 100 watt | m | 15.00 | 1,470.00 | 1.31 |
| Port Rowan..... | 666 | { 53 2 | 100 watt 100 watt (6 mos.) | m m | 18.00 18.00 } | 1,131.00 | 1.70 |
| Port Stanley..... | 769 | 213 | 100 watt | m | 11.00 | 2,335.66 | 3.04 |
| Prescott..... | 2,942 | { 169 105 | 100 watt 200 watt | m m | 10.00 17.00 } | 3,475.00 | 1.18 |

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing
Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

| Municipality | Popula- tion | Number of lamps | Size and style of lamps | | Rate per lamp per annum | Cost to municipality in 1936 | Cost per capita |
|---------------------|-----------------|--|---|--|--|------------------------------------|-----------------------|
| | | | | | \$ c. | \$ c. | \$ c. |
| Preston..... | 6,287 | { 135 214 9 40 6 | 150 c.p. 100 watt 250 watt 500 watt 5-lt. standards | <i>s</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 10.00 10.00 18.00 30.00 30.00 | 5,032.00 | 0.80 |
| Priceville..... | | 14 | 100 watt | <i>m</i> | 40.00 | 560.00 | ** |
| Princeton..... | | 38 | 100 watt | <i>m</i> | 12.00 | 456.00 | ** |
| Queenston..... | | 19 | 100 watt | <i>m</i> | 16.00 | 304.02 | ** |
| Richmond..... | 420 | 26 | 100 watt | <i>m</i> | 16.00 | 416.04 | 0.99 |
| Richmond Hill... | 1,234 | { 99 17 6 | 75 watt 100 watt 200 watt | <i>m</i> <i>m</i> <i>m</i> | 11.00 12.00 16.00 | 1,435.92 | 1.16 |
| Ridgetown..... | 1,985 | { 189 1 78 2 2 19 | 150 c.p. 1,000 c.p. 100 watt 200 watt 250 watt 500 watt | <i>s</i> <i>s</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 9.00 40.00 9.00 18.00 20.00 36.00 | 3,169.00 | †† |
| Ripley..... | 454 | { 43 6 | 100 watt 200 watt | <i>m</i> <i>m</i> | 20.00 35.00 | 1,070.00 | 2.36 |
| Riverside..... | 4,820 | { 132 38 | 75 watt 150 watt Empty sockets | <i>m</i> <i>m</i> <i>m</i> | 12.00 16.00 708.00 | 2,900.04 | †† |
| Rockwood..... | | 86 | 100 watt | <i>m</i> | 9.00 | 774.00 | ** |
| Rodney..... | 713 | { 69 22 | 100 watt 200 watt | <i>m</i> <i>m</i> | 10.00 18.00 | 1,042.33 | 1.46 |
| Rosseau..... | 305 | 35 | 100 watt | <i>m</i> | 35.40 | 1,239.00 | 4.06 |
| Russell..... | | 47 | 100 watt | <i>m</i> | 16.00 | 752.00 | ** |
| St. Catharines..... | 26,571 | { 2,142 19 148 71 46 10 60 5 10 7 | 100 watt 100 watt 200 watt 200 watt 300 watt 500 watt 500 watt 1,000 watt 500 watt / bridge 300 watt (lights | <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 8.00 10.00 11.00 18.00 26.00 20.00 34.00 40.00 24.75 per h.p. | 25,005.15 | †† |
| St. George..... | | 39 | 100 watt | <i>m</i> | 9.50 | 370.50 | ** |
| St. Jacobs..... | | 46 | 100 watt | <i>m</i> | 10.00 | 460.00 | ** |
| St. Marys..... | 4,032 | { 230 106 19 32 | 100 c.p. 250 c.p. 150 watt 300 watt | <i>s</i> <i>s</i> <i>m</i> <i>m</i> | 10.00 14.00 12.00 22.00 | 4,713.50 | 1.17 |

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

| Municipality | Population | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1936 | Cost per capita |
|-------------------|------------|-----------------|-----------------------------|-------------------------|------------------------------|-----------------|
| | | | | \$ c. | \$ c. | \$ c. |
| St. Thomas..... | 16,156 | { 1,081 | 100 c.p. <i>s</i> | 9.00 | 14,624.25 | †† |
| | | { 27 | 250 c.p. <i>s</i> | 13.00 | | |
| | | { 1 | 600 c.p. <i>s</i> | 32.00 | | |
| | | { 114 | 600 c.p. <i>s</i> | 34.00 | | |
| | | { 1 | 60 watt <i>m</i> | 3.00 | | |
| | | { 6 | 60 watt <i>m</i> | 4.50 | | |
| | | { 27 | 100 watt <i>m</i> | 5.00 | | |
| | | { 22 | 300 watt <i>m</i> | 22.00 | | |
| Sarnia..... | 18,064 | { 1,027 | 150 c.p. <i>s</i> | 12.00 | 18,714.48 | †† |
| | | { 56 | 250 c.p. <i>s</i> | 16.50 | | |
| | | { 66 | 400 c.p. <i>s</i> | 22.00 | | |
| | | { 79 | 600 c.p. <i>s</i> | 35.00 | | |
| | | { 13 | 600 c.p. <i>s</i> | 45.00 | | |
| | | { 3 | 100 watt <i>m</i> | 12.00 | | |
| | | { 8 | 150 watt <i>m</i> | 16.50 | | |
| | | { 14 | 300 watt <i>m</i> | 32.00 | | |
| Scarboro Twp..... | | { 216 | 100 c.p. <i>s</i> | 12.00 | 14,537.39 | ** |
| | | { 10 | 100 c.p. (empty) <i>s</i> | 9.00 | | |
| | | { 2 | 250 c.p. <i>s</i> | 17.00 | | |
| | | { 19 | 40 watt <i>m</i> | 12.00 | | |
| | | { 2 | 60 watt <i>m</i> | 18.00 | | |
| | | { 423 | 100 watt <i>m</i> | 12.00 | | |
| | | { 24 | 100 watt (empty) <i>m</i> | 9.00 | | |
| | | { 7 | 200 watt <i>m</i> | 17.00 | | |
| | | { 10 | 200 watt <i>m</i> | 21.00 | | |
| | | { 179 | 300 watt <i>m</i> | 24.00 | | |
| Seaforth..... | 1,717 | { 119 | 100 c.p. <i>s</i> | 10.50 | 1,749.50 | 1.02 |
| | | { 20 | 300 watt <i>m</i> | 25.00 | | |
| Shelburne..... | 1,102 | 96 | 150 c.p. <i>s</i> | 11.00 | 1,056.00 | 0.96 |
| Simcoe..... | 5,503 | { 273 | 100 c.p. <i>s</i> | 11.00 | 4,575.50 | †† |
| | | { 27 | 1,000 c.p. <i>s</i> | 40.00 | | |
| | | { 8 | 150 watt <i>m</i> | 11.00 | | |
| | | { 8 | 200 watt <i>m</i> | 15.00 | | |
| | | { 6 | 200 watt (orn.) <i>m</i> | 24.00 | | |
| | | { 1 | 500 watt <i>m</i> | 53.00 | | |
| | | { 1 | 1,000 watt <i>m</i> | 60.00 | | |
| Smiths Falls..... | 7,539 | { 18 | 50 watt <i>m</i> | 9.50 | 7,468.04 | 0.99 |
| | | { 105 | 100 watt <i>m</i> | 18.00 | | |
| | | { 1 | 200 watt <i>m</i> | 25.00 | | |
| | | { 171 | 300 watt <i>m</i> | 25.00 | | |
| | | { 85 | Empty sockets <i>m</i> | 13.00 | | |
| Southampton..... | 1,321 | { 116 | 100 watt <i>m</i> | 13.00 | 2,318.88 | 1.76 |
| | | { 32 | 250 watt <i>m</i> | 21.00 | | |
| | | { 39 | 60 watt (3 mos.) <i>m</i> | 12.00 | | |
| | | { 1 | Decorative strings <i>m</i> | 36.00 | | |
| Springfield..... | 386 | 51 | 100 watt <i>m</i> | 11.00 | 561.00 | 1.45 |

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

| Municipality | Population | Number of lamps | Size and style of lamps | | Rate per lamp per annum | Cost to municipality in 1936 | Cost per capita |
|-------------------|------------|--|--|--|--|------------------------------|-----------------|
| Stamford Twp..... | | 864 | 100 watt | <i>m</i> | \$ c. 9.00 | \$ c. 7,433.92 | \$ c. ** |
| Stayner..... | 1,008 | { 80 18 | 100 c.p. 200 watt | <i>s</i> <i>m</i> | 12.00 18.00 | 1,284.00 | 1.27 |
| Stirling..... | 965 | { 77 30 2 15 | 100 c.p. 150 watt 300 watt 500 watt | <i>s</i> <i>m</i> <i>m</i> <i>m</i> | 10.00 10.00 24.75 32.50 | 1,614.96 | 1.67 |
| Stouffville..... | 1,149 | 126 | 100 watt | <i>m</i> | 12.00 | 1,512.00 | 1.32 |
| Stratford..... | 17,643 | { 871 74 116 6 63 4 4 | 100 c.p. 600 c.p. 600 c.p. 600 c.p. 1,000 c.p. 100 watt 500 watt | <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>m</i> <i>m</i> | 10.00 25.00 30.00 35.00 34.00 10.00 34.00 | 16,558.79 | 0.94 |
| Strathroy..... | 2,886 | { 298 21 34 | 100 c.p. 250 c.p. 300 watt | <i>s</i> <i>s</i> <i>m</i> | 9.00 15.00 31.00 | 4,050.96 | 1.40 |
| Streetsville..... | 676 | { 42 28 13 | 100 watt 200 watt 300 watt | <i>m</i> <i>m</i> <i>m</i> | 9.50 11.50 16.50 | 935.50 | 1.38 |
| Sudbury..... | 20,079 | { 690 27 11 42 7 43 49 45 | 100 c.p. 250 c.p. 600 c.p. 600 c.p. 1,000 c.p. 1,000 c.p. 1,000 c.p. 1,500 c.p. | <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>s</i> | 12.00 16.00 28.00 50.00 35.00 57.00 65.00 65.00 | 19,752.64 | 0.98 |
| Sunderland..... | | { 29 4 | 100 watt 500 watt | <i>m</i> <i>m</i> | 20.00 35.00 | 720.00 | ** |
| Sutton..... | 804 | { 118 20 36 | 100 watt 200 watt Decorative strings (3 mos.) | <i>m</i> <i>m</i> <i>m</i> | 13.00 17.00 13.00 | 1,984.50 | 2.47 |
| Tara..... | 509 | { 51 16 | 100 watt 300 watt | <i>m</i> <i>m</i> | 14.00 48.00 | 1,005.35 | 1.98 |
| Tavistock..... | 1,029 | { 82 39 | 100 watt 200 watt | <i>m</i> <i>m</i> | 10.00 12.00 | 1,287.96 | 1.25 |
| Tecumseh..... | 2,472 | { 17 60 | 400 c.p. 100 watt | <i>s</i> <i>m</i> | 24.00 14.00 | 1,248.00 | †† |
| Teeswater..... | 837 | { 40 20 | 150 c.p. 300 c.p. | <i>s</i> <i>s</i> | 16.00 30.00 | 1,332.40 | 1.59 |

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing
Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

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|------------------|-----------------|--|--|--|---|------------------------------------|-----------------------|
| Thamesford..... | | 47 | 100 watt | <i>m</i> | \$ c. 11.00 | \$ c. 517.00 | \$ c. ** |
| Thamesville..... | 769 | { 68 33 7 | 100 watt 200 watt 200 watt | <i>m</i> <i>m</i> <i>m</i> | 9.00 14.00 18.00 | 1,200.00 | 1.56 |
| Thedford..... | 583 | 69 | 100 watt | <i>m</i> | 15.00 | 1,035.00 | 1.78 |
| Thorndale..... | | 32 | 100 watt | <i>m</i> | 12.00 | * 384.00 | ** |
| Thornton..... | | 22 | 100 watt | <i>m</i> | 40.00 | 880.00 | ** |
| Thorold..... | 4,959 | { 381 37 2 | 75 watt 200 watt 300 watt | <i>m</i> <i>m</i> <i>m</i> | 7.50 12.00 15.00 | 3,310.95 | 0.67 |
| Tilbury..... | 1,975 | { 103 25 | 100 watt 200 watt | <i>m</i> <i>m</i> | 11.00 19.50 | 1,613.24 | 0.82 |
| Tillsonburg..... | 3,513 | { 266 1 8 44 1 | 100 c.p. 250 c.p. 300 watt 500 watt Traffic light | <i>s</i> <i>s</i> <i>m</i> <i>m</i> <i>m</i> | 8.50 13.00 32.00 42.00 18.32 | 4,396.32 | 1.25 |
| Toronto..... | 638,271 | { 46,774 3,305 67 1,414 173 5 334 98 391 75 | 100 watt 200 watt 250 watt 300 watt 500 watt 1,000 watt 5-lt. stds., 100 w. 1-lt. stds., 500 w. 1-lt. stds., 300 w. 1-lt. stds., 500 w. | <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 8.00-10.00 15.00-20.00 18.00 21.00-26.00 35.00-40.00 70.00 47.50 47.50 40.00 52.50 | 537,530.40 | 0.84 |
| Toronto Twp..... | | { 411 1 | 100 watt Traffic light | <i>m</i> <i>m</i> | 12.00 43.20 | 4,970.21 | ** |
| Tottenham..... | 539 | 49 | 150 c.p. | <i>s</i> | 25.00 | 1,225.08 | 2.27 |
| Trenton..... | 6,541 | { 1 48 309 | 500 c.p. 600 c.p. 100 watt | <i>s</i> <i>s</i> <i>m</i> | 70.00 70.00 12.00 | 7,172.98 | 1.10 |
| Tweed..... | 1,276 | 125 | 100 c.p. | <i>s</i> | 15.00 | 1,843.75 | 1.44 |
| Uxbridge..... | 1,451 | { 128 5 1 1 2 | 100 watt 100 watt (5 mos.) 200 watt 200 watt (5 mos.) 300 watt | <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 14.00 10.00 18.00 14.00 22.00 | 2,118.88 | 1.46 |
| Victoria Harbour | 1,077 | 78 | 100 watt | <i>m</i> | 9.00 | 702.00 | 0.65 |
| Walkerton..... | 2,428 | { 118 39 1 | 150 c.p. 250 c.p. 50 watt | <i>s</i> <i>s</i> <i>m</i> | 14.00 24.50 6.00 | 2,586.00 | 1.07 |

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STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing
Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

| Municipality | Popula- tion | Number of lamps | Size and style of lamps | | Rate per lamp per annum | Cost to municipality in 1936 | Cost per capita |
|------------------|-----------------|---|---|--|--|------------------------------------|-----------------------|
| | | | | | \$ c. | \$ c. | \$ c. |
| Wallaceburg..... | 4,589 | { 188 12 50 | 150 c.p. 400 c.p. 300 watt | <i>s</i> <i>s</i> <i>m</i> | 12.00 22.00 33.00 | 4,170.00 | 0.91 |
| Wardsville..... | 257 | 36 | 75-100 watt | <i>m</i> | 20.00 | 720.00 | 2.80 |
| Warkworth..... | | { 37 2 | 100 watt 200 watt | <i>m</i> <i>m</i> | 16.00 28.00 | 632.04 | ** |
| Waterdown..... | 912 | { 72 8 | 100 watt 200 watt | <i>m</i> <i>m</i> | 10.00 17.00 | 856.00 | 0.94 |
| Waterford..... | 1,173 | { 157 9 2 5 | 100 watt 200 watt 500 watt 100 watt (Twp.) | <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 8.00 15.00 25.00 12.00 | 1,512.00 | 1.29 |
| Waterloo..... | 8,310 | { 355 120 93 5 18 3 9 10 44 | 80 c.p. 100 c.p. 150 watt 200 watt 300 watt 500 watt 500 watt 3-lt. standards 5-lt. standards | <i>s</i> <i>s</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 8.00 10.00 10.00 12.00 21.00 30.00 35.00 25.00 36.00 | 7,595.97 | †† |
| Watford..... | 916 | { 90 11 | 100 watt 200 watt | <i>m</i> <i>m</i> | 12.50 20.00 | 1,344.96 | 1.47 |
| Waubaushe..... | | { 46 10 | 100 watt 100 watt (5 mos.) | <i>m</i> <i>m</i> | 9.00 5.00 | 464.00 | ** |
| Welland..... | 10,402 | { 177 14 430 30 6 4 6 | 600 c.p. 600 c.p. (City park) 100 watt 200 watt 300 watt 500 watt Empty sockets | <i>s</i> <i>s</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 30.00 30.00 11.00 18.00 30.00 28.00 18.00 | 10,944.83 | †† |
| Wellesley..... | | 60 | 100 watt | <i>m</i> | 11.00 | 695.00 | ** |
| Wellington..... | 920 | 83 | 100 c.p. | <i>s</i> | 12.00 | 955.00 | 1.04 |
| West Lorne..... | 752 | { 84 10 | 100 watt 200 watt | <i>m</i> <i>m</i> | 10.00 18.00 | 1,014.05 | 1.35 |
| Weston..... | 5,040 | { 421 24 111 20 5 | 100 c.p. 100 c.p. 600 c.p. 300 watt 5-lt. standards | <i>s</i> <i>s</i> <i>s</i> <i>m</i> <i>m</i> | 7.50 9.50 30.00 11.00 21.00 | 7,260.51 | 1.44 |
| Westport..... | 709 | { 2 64 | 50 watt 100 watt | <i>m</i> <i>m</i> | 15.00 20.00 | 1,256.68 | 1.77 |

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

STATEMENT "C"—Concluded

Street Lighting Installation in Hydro Municipalities, December 31, 1936; showing Rate per Lamp, Cost to Municipality in 1936, and Cost per Capita.

| Municipality | Popula- tion | Number of lamps | Size and style of lamps | | Rate per lamp per annum | Cost to municipality in 1936 | Cost per capita |
|-------------------|-----------------|--|---|--|--|------------------------------------|-----------------------|
| | | | | | \$ c. | \$ c. | \$ c. |
| Wheatley..... | 723 | { 60 40 | 100 watt 150 watt | <i>m</i> <i>m</i> | 12.00 15.00 | 1,368.00 | 1.89 |
| Whitby..... | 3,751 | { 123 73 165 3 | 80 c.p. 100 c.p. 100 watt 500 watt | <i>s</i> <i>s</i> <i>m</i> <i>m</i> | 11.00 12.00 9.50 15.00 | 4,049.56 | 1.08 |
| Warton..... | 1,715 | { 100 25 | 100 watt 200 watt | <i>m</i> <i>m</i> | 16.00 28.00 | 2,305.32 | 1.34 |
| Williamsburg..... | | 16 | 100 watt | <i>m</i> | 15.00 | 240.00 | ** |
| Winchester..... | 1,057 | 118 | 100 watt | <i>m</i> | 9.00 | 1,062.00 | 1.00 |
| Windermere..... | 153 | 13 | 100 watt | <i>m</i> | 35.00 | 455.00 | 2.97 |
| Windsor..... | 98,745 | { 2,861 289 311 1,040 54 696 15 13 56 2 804 835 20 110 85 198 | 100 c.p. 100 c.p. 100 c.p. 250 c.p. 250 c.p. 400 c.p. 400 c.p. (5 mos.) 400 c.p. 400 c.p. 600 c.p. 100 watt 100 watt 100 watt 150 watt 150 watt 200 watt | <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>s</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 11.50 12.00 13.00 17.50 21.00 27.50 27.50 28.00 36.00 36.00 8.00 9.00 13.00 11.00 14.00 13.00 | 100,499.37 | †† |
| Wingham..... | 1,987 | { 102 25 22 8 | 150 c.p. 250 c.p. 200 watt Decorative strings | <i>s</i> <i>s</i> <i>m</i> | 17.00 30.00 30.00 30.00 | 3,332.33 | 1.68 |
| Woodbridge..... | 811 | 92 | 100 watt | <i>m</i> | 10.00 | 915.82 | 1.13 |
| Woodstock..... | 10,936 | { 554 14 106 22 1 78 | 100 c.p. 250 c.p. 100 watt 150 watt 250 watt 300 watt | <i>s</i> <i>s</i> <i>m</i> <i>m</i> <i>m</i> <i>m</i> | 8.00 20.00 8.00 12.00 12.00 32.00 | 8,279.40 | 0.76 |
| Woodville..... | 390 | { 33 2 5 | 100 watt 200 watt 500 watt | <i>m</i> <i>m</i> <i>m</i> | 12.00 20.00 38.00 | 626.04 | 1.61 |
| Wyoming..... | 504 | 51 | 100 watt | <i>m</i> | 15.00 | 765.00 | 1.52 |
| Zurich..... | | 63 | 100 watt | <i>m</i> | 11.00 | 693.00 | ** |

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

STATEMENT "D"

(pages 420 to 437)

Statistics Relating to the Supply of Electrical Energy to Consumers
in Ontario Urban Municipalities Served by
The Hydro-Electric Power Commission
for the year 1936

STATEMENT "E"

(pages 438 to 453)

Cost of Power to Municipalities and Rates to Consumers for
Domestic Service—Commercial Light Service—Power Service
in Ontario Urban Municipalities Served by
The Hydro-Electric Power Commission
for the year 1936

STATEMENT "D"

Statistics Relating to the Supply of Electrical Energy to Consumers in Urban Municipalities Served by The Hydro-Electric Power Commission

Regarding the results of Hydro operation from the standpoint of the consumers, the following tabulation gives much useful and interesting information. For each main class of service in each urban municipal utility receiving power at cost from the Commission, Statement "D" lists the revenue, the consumption and the number of consumers, together with unit average costs and consumptions and other pertinent data.

The policy and practice of the Commission has been, and is, to make as widespread and beneficial a distribution of electrical energy as possible, and to extend to every community that can economically be reached by transmission lines, the benefit of electrical service. Even where, in certain localities, by reason of the distance from a source of supply or on account of the small quantity of power required by the municipality, the cost per horsepower to the municipality—and, consequently, the cost of service to the consumer—must unavoidably be higher than in more favourably situated communities, service has not been withheld when the consumers were able and willing to pay the cost.

The accompanying diagram summarizes graphically certain data of Statement "D" respecting the average cost to the consumer. It will be observed that the total amount of the energy sold in municipalities where circumstances necessitate rates which result in the higher average costs to the consumer is relatively insignificant. With respect to power service, it should be noted that the statistics of Statement "D," and of the diagram, cover mainly retail power service supplied to the smaller industrial consumers. The average amount of power taken by the industrial consumers served by the municipalities is about 40 horsepower. The Commission serves certain large power consumers direct on behalf of the various systems of municipalities.

It should be kept in mind that the revenues reported in Statement "D," and used for purposes of calculating the net unit costs to the consumer, are the total revenues contributed by the consumers, and provide, in addition to the cost of power, sums specifically applicable to the retirement of capital, and also operating surplus which is in part applied to retirement of capital or extension of plant and is in part returned in cash to the consumers.

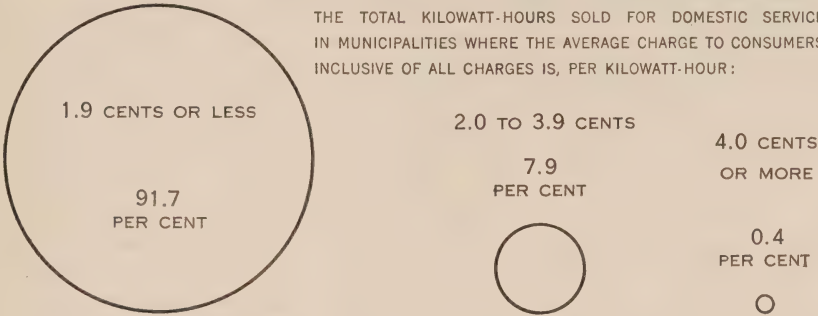
It should also be noted that average costs per kilowatt-hour or per horsepower if employed indiscriminately as a criterion by means of which to compare the rates or prices for electrical service in various municipalities, will give misleading results. The average costs per kilowatt-hour, as given in Statement "D" for respective classes of service in each municipality, are statistical results obtained by dividing the respective revenues by the aggregate kilowatt-hours sold. As such, the data reflect the combined influence of a number of factors, of which the rates or prices to consumers are but one factor. Owing to the varying influence of factors other than the rates, it is seldom found that in any two municipalities the average cost per kilowatt-hour to the consumers, even of the same classification, is in proportion to the respective rates for service. Instances even occur where for a class of consumers in one municipality, the average costs per kilowatt-hour are substantially lower than for the same class in another municipality, even though the rates are higher.

COST OF ELECTRICAL SERVICE

IN MUNICIPALITIES SERVED BY
THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

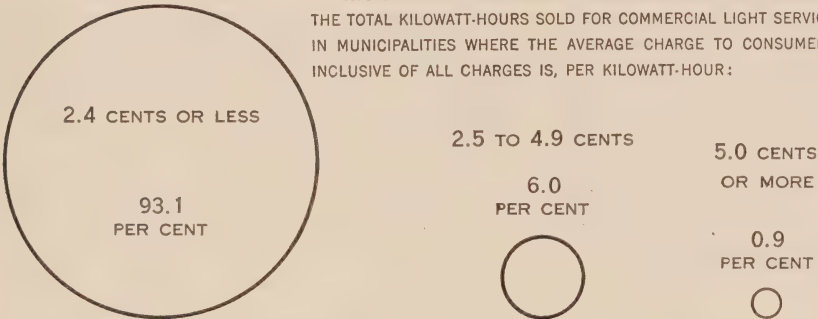
DOMESTIC SERVICE

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY
THE TOTAL KILOWATT-HOURS SOLD FOR DOMESTIC SERVICE
IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CONSUMERS
INCLUSIVE OF ALL CHARGES IS, PER KILOWATT-HOUR:



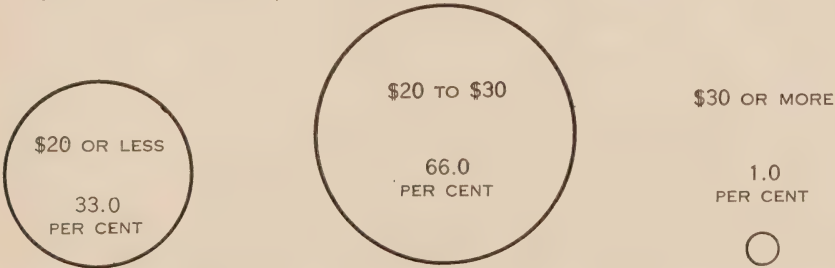
COMMERCIAL LIGHT SERVICE

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY
THE TOTAL KILOWATT-HOURS SOLD FOR COMMERCIAL LIGHT SERVICE
IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CONSUMERS
INCLUSIVE OF ALL CHARGES IS, PER KILOWATT-HOUR:



POWER SERVICE SUPPLIED BY MUNICIPALITIES

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE AGGREGATE HORSEPOWER
SOLD FOR POWER SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CONSUMERS
INCLUSIVE OF ALL CHARGES IS, PER HORSEPOWER PER YEAR:



With respect to domestic service, for example, instances may be observed where two municipalities have identical prices or rates for domestic service, but the average cost per kilowatt-hour to the consumer varies by as much as 100 per cent. Such variations are due principally to differences in the extent of utilization of the service for the operation of electric ranges, water heaters and other appliances, an indication of which is afforded by the statistics of average monthly consumption.

In the case of power service, average unit costs are still less reliable as an indication of the relative rates for service in different municipalities. In the case of hydro-electric power supplied to industries at cost, the rate schedules incorporate charges both for demand and for energy consumption, and thus, although the quantity of power taken by a consumer—that is, the demand as measured in horsepower—is the most important factor affecting costs and revenues, it is not the only one. The number of hours the power is used in the month or year—which, in conjunction with the power, determines the energy consumption, as measured in kilowatt-hours—also affects the costs and revenues. Consequently, in two municipalities charging the same rates for power service, the average cost per horsepower to the consumer will vary in accordance with the consumers' average number of hours' use of the power per month. A greater average energy consumption per horsepower increases the average cost per horsepower and decreases the average cost per kilowatt-hour to the consumer, and *vice versa*.*

*In view of the fact that the data of Statement "D" have been misinterpreted in the making of certain comparisons as to the cost of electricity in various territories, it is desirable to add a word of caution respecting their significance. Essentially, the average cost or revenue per kilowatt-hour is *not a criterion of rates* even with similar forms of rate schedules and for the same class of service. Particularly is this true when revenues and consumptions of all classes of service, and of all kinds of rate schedules, are indiscriminately lumped together in order to deduce a so-called "average cost or rate per kilowatt-hour" for all services.

In one community rates for each class of service, and the cost to every consumer in each class for any given service and consumption, may be substantially higher than in another community, and yet there may be in the former community a lower "average revenue per kilowatt-hour."

EXAMPLE.—Assume sales of electrical energy by two electric utilities, A and B, in each case 10,000,000 kilowatt-hours.

| Class of service | CASE A Higher rates and lower revenues per kilowatt-hour | | | CASE B Lower rates and higher revenues per kilowatt-hour | | |
|-----------------------|--|-----------------|---------|--|-----------------|---------|
| | Energy sales | Rate per kw-hr. | Revenue | Energy sales | Rate per kw-hr. | Revenue |
| | kw-hr. | cents | \$ | kw-hr. | cents | \$ |
| Residence | 1,000,000 | 4 | 40,000 | 3,000,000 | 3 | 90,000 |
| Power | 9,000,000 | 1 | 90,000 | 7,000,000 | 0.75 | 52,500 |
| Total | 10,000,000 | .... | 130,000 | 10,000,000 | .... | 142,500 |
| Average revenue . . . | 1.3 cents per kw-hr. | | | 1.425 cents per kw-hr. | | |

It will be observed that in Case A *the rates* both for residence and for power service are 33 per cent *higher* than in Case B, but the *average revenue* per kilowatt-hour is nearly 9 per cent less.

In this instance, the explanation lies in the *relative quantities* of energy sold to each class. Service to large power consumers entails a smaller capital investment in distribution lines and equipment and lower operating costs per kilowatt-hour delivered, than does service to domestic and to commercial light consumers, and even where the rates for all classes of service are low, produces a smaller average revenue per kilowatt-hour. Consequently, if one electrical utility as compared with another sells a larger proportion of its energy for power purposes, its "average revenue per kilowatt-hour" may easily be lower than that of the other utility even though its rates for every class of service are substantially higher.

Although the derived statistics of Statement "D" are valueless as a means of comparing the *rates* in one municipality with those in another, they nevertheless fulfil a function in affording a general measure of the *economy of service* to consumers in the co-operating Ontario municipalities—an economy that has resulted primarily from the low rates themselves, and secondarily from the extensive use of the service that has been made possible by the low rates.

Actual bills rendered to typical consumers for similar service under closely comparable circumstances constitute the best basis for making comparisons. In researches respecting rates to consumers therefore the actual *rate schedules* of Statement "E" should be employed, and not statistics of average revenues per kilowatt-hour, as these are valueless for rate comparisons—and particularly so when all classifications of service are combined.

In any consideration of the relative economies of electrical service in the various municipalities—whether based on the actual rates for service as set forth in Statement "E," or on the derived statistics resulting from the rates and other factors as presented in Statement "D"—full account should be taken respectively of the influence upon costs of such factors as the size of the municipality, the distance from the source of power, the features of the power developments from which service is received, the sizes and concentrations of adjacent markets for electricity, and the sizes and characters of the loads supplied under the various classifications by the local electrical utility to the consumers.

In Statement "D" account has been taken of the sizes of municipalities by grouping them according to whether they are (i) cities—over 10,000 population; (ii) towns of 2,000 to 10,000 population; or (iii) small towns (under 2,000 population), villages, and suburban areas in townships (which are comparable in respect of conditions of supply to the smaller towns and villages). The populations are also given, and the situation of any municipality with respect to transmission lines and power supplies may be ascertained by consulting the map at the end of the Report and the diagrams of stations in Section II.

A feature of the electrical service in Ontario municipalities served by The Hydro-Electric Power Commission is the strikingly large average annual consumption per domestic consumer. There are in all more than 200 Ontario municipalities where the average annual consumption per domestic consumer is in excess of 600 kilowatt-hours. Of the 80 cities and towns with populations of 2,000 or more—in which over 85 per cent of the domestic consumers of the undertaking are served—no less than 66 have an average annual consumption per domestic consumer in excess of 1,000 kilowatt-hours; of these, 31 have an average annual consumption per domestic consumer in excess of 1,500 kilowatt-hours, and 12 have an average annual consumption per domestic consumer in excess of 2,000 kilowatt-hours.

The high average consumption for domestic service results essentially from the policy of the undertaking in providing service "at cost"; the rate schedules designed according to this principle automatically encourage liberal use of the service. Under the standard rate schedules employed by Ontario municipalities, follow-up rates of 1 cent and 1.25 cents (less 10 per cent) are in common use, and as a rule even where the higher initial rates per kilowatt-hour obtain, it is only necessary for the domestic consumer to reach a monthly charge of from \$2.00 to \$3.00 to obtain the benefit of a follow-up rate of 1.8 cents net. The cost of electric cooking is thus within reach of most of the domestic consumers in Ontario. Electric water heating is also encouraged by low flat rates for continuous heaters and by installation of equipment without capital cost to the consumer.

STATEMENT

Statistics Relating to the Supply of Electrical Energy to Consumers
For Domestic Service, for Commercial Light Service

Group I—CITIES

| Municipality | System | Popula- tion | Domestic Service | | | | | |
|------------------------------------|--------|-----------------|------------------|-------------|-----------------------------|-----------------------------------|----------------------------|------------------------|
| | | | Revenue | Consumption | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | \$ c. | kw-hr. | | kw-hr. | \$ c. | cent |
| Belleville..... | E.O. | 14,411 | 78,403.29 | 6,253,242 | 3,129 | 167 | 2.09 | 1.2 |
| Brantford..... | Nia. | 31,212 | 185,955.84 | 12,457,989 | 7,531 | 138 | 2.06 | 1.5 |
| Chatham..... | Nia. | 15,957 | 86,112.09 | 4,529,012 | 3,829 | 99 | 1.87 | 1.9 |
| Fort William..... | T.B. | 24,371 | 199,114.34 | 25,628,367 | 5,466 | 390 | 3.03 | 0.8 |
| Galt..... | Nia. | 13,958 | 93,324.57 | 5,513,522 | 3,657 | 126 | 2.13 | 1.7 |
| Guelph..... | Nia. | 21,173 | 117,459.78 | 8,336,096 | 5,155 | 135 | 1.90 | 1.4 |
| Hamilton..... | Nia. | 154,020 | 942,647.88 | 62,751,012 | 37,842 | 138 | 2.07 | 1.5 |
| Kingston..... | E.O. | 24,173 | 126,445.96 | 8,737,537 | 5,900 | 122 | 1.79 | 1.4 |
| Kitchener..... | Nia. | 31,933 | 202,274.36 | 14,054,236 | 7,357 | 159 | 2.29 | 1.4 |
| London..... | Nia. | 75,484 | 570,951.81 | 47,883,498 | 17,686 | 226 | 2.69 | 1.2 |
| Niagara Falls..... | Nia. | 18,527 | 150,894.64 | 10,763,849 | 4,538 | 198 | 2.77 | 1.4 |
| Oshawa..... | E.O. | 24,097 | 173,863.62 | 8,210,485 | 6,136 | 111 | 2.36 | 2.1 |
| Ottawa..... | E.O. | 140,316 | 482,755.62 | 54,187,037 | 13,367 | 337 | 3.00 | 0.9 |
| Owen Sound..... | G.B. | 13,139 | 61,477.56 | 3,633,380 | 3,263 | 93 | 1.57 | 1.7 |
| Peterborough..... | E.O. | 22,973 | 136,160.84 | 9,335,431 | 5,441 | 143 | 2.09 | 1.5 |
| Port Arthur..... | T.B. | 20,352 | 111,852.83 | 9,844,908 | 4,438 | 185 | 2.10 | 1.1 |
| St. Catharines..... | Nia. | 26,571 | 145,332.10 | 11,112,010 | 6,496 | 142 | 1.86 | 1.3 |
| St. Thomas..... | Nia. | 16,156 | 121,463.96 | 10,093,227 | 4,102 | 205 | 2.46 | 1.2 |
| Sarnia..... | Nia. | 18,064 | 106,990.83 | 5,523,152 | 4,635 | 99 | 1.92 | 1.9 |
| Stratford..... | Nia. | 17,643 | 148,811.20 | 8,973,125 | 4,322 | 173 | 2.87 | 1.7 |
| Sudbury..... | N.O.P. | 20,079 | 164,869.12 | 7,262,889 | 4,787 | 126 | 2.87 | 2.3 |
| Toronto..... | Nia. | 638,271 | 4,269,560.40 | 325,493,864 | 157,869 | 172 | 2.25 | 1.3 |
| Toronto D.C. and 60 cycle†..... | | | 21,892.86 | 735,119 | 471 | 130 | 3.87 | 3.0 |
| Welland..... | Nia. | 10,402 | 55,136.71 | 3,095,716 | 2,418 | 106 | 1.90 | 1.8 |
| Windsor..... | Nia. | 98,745 | 800,687.22 | 45,364,205 | 23,766 | 159 | 2.81 | 1.8 |
| Woodstock..... | Nia. | 10,936 | 75,853.82 | 5,371,348 | 3,001 | 149 | 2.16 | 1.4 |

†This—with the exception of a relatively small D.C. power load—is a special service not created by The Hydro-Electric Power Commission but acquired through the purchase of a privately owned company. It does not include Street Railway power.

Group II—TOWNS

| | | | | | | | | |
|---------------------|------|-------|-----------|-----------|-------|-----|------|-----|
| Amherstburg..... | Nia. | 2,670 | 20,132.19 | 1,189,904 | 620 | 160 | 2.71 | 1.7 |
| Barrie..... | G.B. | 7,856 | 54,534.68 | 3,137,838 | 1,982 | 132 | 2.29 | 1.7 |
| Bowmanville..... | E.O. | 3,631 | 27,356.14 | 1,198,160 | 1,080 | 92 | 2.11 | 2.3 |
| Brampton..... | Nia. | 5,447 | 39,823.65 | 2,780,734 | 1,404 | 165 | 2.36 | 1.4 |
| Brockville..... | E.O. | 9,874 | 50,687.29 | 3,359,758 | 2,723 | 103 | 1.55 | 1.5 |
| Carleton Place..... | E.O. | 4,250 | 18,664.15 | 835,417 | 968 | 72 | 1.61 | 2.2 |
| Cobourg..... | E.O. | 5,837 | 28,708.79 | 1,298,712 | 1,245 | 87 | 1.92 | 2.2 |
| Collingwood..... | G.B. | 5,749 | 26,385.93 | 1,345,495 | 1,310 | 85 | 1.67 | 2.0 |
| Dundas..... | Nia. | 5,062 | 21,718.03 | 1,217,775 | 1,202 | 84 | 1.49 | 1.8 |
| Dunnville..... | Nia. | 3,938 | 13,463.00 | 667,353 | 851 | 68 | 1.36 | 2.0 |

“D”

in Ontario Municipalities Served by the Commission
and for Power Service during the Year 1936

Population, 10,000 or more

| Commercial Light service | | | | | | Power service | | | Total number of con- sumers |
|--------------------------|-------------|--------------------------------|-----------------------------------|----------------------------|------------------------|---------------|--------------------------------|---------------------------------------|---|
| Revenue | Consumption | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of con- sumers | Average monthly horse- power | |
| \$ c. | kw-hr. | | kw-hr. | \$ c. | cents | \$ c. | | | |
| 51,037.72 | 2,963,254 | 678 | 364 | 6.27 | 1.7 | 44,062.59 | 109 | 2,494.5 | 3,916 |
| 69,989.55 | 6,388,626 | 1,150 | 463 | 5.07 | 1.1 | *138,809.14 | 130 | 7,200.6 | 8,811 |
| 73,314.01 | 3,942,544 | 761 | 432 | 8.03 | 1.9 | 63,255.51 | 107 | 3,050.0 | 4,697 |
| 65,055.76 | 3,257,306 | 894 | 304 | 6.06 | 2.0 | 69,538.77 | 101 | 3,332.4 | 6,461 |
| 41,829.74 | 2,076,437 | 498 | 347 | 7.00 | 2.0 | 105,462.70 | 103 | 5,181.9 | 4,258 |
| 53,174.08 | 3,749,381 | 799 | 391 | 5.55 | 1.4 | 129,428.54 | 137 | 7,411.6 | 6,091 |
| 414,503.05 | 32,700,947 | 5,020 | 542 | 6.88 | 1.3 | 1,829,515.92 | 1,258 | 97,907.7 | 44,120 |
| 84,172.01 | 5,416,434 | 875 | 516 | 8.02 | 1.6 | 106,894.09 | 143 | 5,516.7 | 6,918 |
| 109,653.19 | 6,900,263 | 1,009 | 569 | 9.05 | 1.6 | 269,247.16 | 246 | 13,218.4 | 8,612 |
| 202,687.56 | 14,990,546 | 2,144 | 583 | 7.88 | 1.4 | 419,380.35 | 447 | 20,532.0 | 20,277 |
| 60,355.71 | 4,825,282 | 687 | 585 | 7.32 | 1.2 | 83,716.26 | 85 | 4,372.4 | 5,310 |
| 65,992.19 | 2,642,855 | 530 | 416 | 10.38 | 2.5 | 243,405.01 | 103 | 10,723.0 | 6,769 |
| 177,323.68 | 10,825,716 | 1,362 | 663 | 10.87 | 1.6 | 74,877.61 | 192 | 4,710.8 | 14,921 |
| 37,233.64 | 2,096,353 | 561 | 311 | 5.53 | 1.8 | 42,696.94 | 105 | 2,525.9 | 3,929 |
| 71,979.57 | 3,848,447 | 877 | 364 | 6.82 | 1.9 | 102,845.94 | 150 | 4,721.9 | 6,468 |
| 56,095.05 | 4,079,830 | 768 | 442 | 6.07 | 1.4 | 751,754.89 | 100 | 37,395.1 | 5,306 |
| 55,368.75 | 4,106,554 | 750 | 456 | 6.15 | 1.3 | 118,155.74 | 146 | 7,543.6 | 7,392 |
| 53,182.82 | 3,594,148 | 632 | 474 | 7.01 | 1.5 | 60,618.40 | 76 | 3,544.0 | 4,810 |
| 51,045.06 | 2,951,120 | 649 | 379 | 6.55 | 1.7 | 173,173.07 | 84 | 6,408.6 | 5,368 |
| 55,449.65 | 2,587,939 | 627 | 344 | 7.37 | 2.1 | 65,084.44 | 127 | 2,903.5 | 5,076 |
| 122,448.49 | 2,270,964 | 938 | 202 | 10.88 | 5.4 | 46,772.61 | 171 | 1,680.0 | 5,896 |
| 3,091,825.47 | 143,041,686 | 24,160 | 493 | 10.66 | 2.2 | ‡3,570,514.15 | 4,376 | 149,074.0 | 186,405 |
| 92,753.65 | 2,260,769 | 750 | 251 | 10.31 | 4.1 | 392,145.49 | 757 | 13,904.0 | 1,978 |
| 30,911.88 | 1,912,321 | 427 | 373 | 6.03 | 1.6 | 76,720.46 | 77 | 3,646.4 | 2,922 |
| 328,346.29 | 18,641,756 | 3,152 | 492 | 8.68 | 1.8 | 463,566.60 | 460 | 20,688.7 | 27,378 |
| 39,394.67 | 2,508,098 | 459 | 455 | 7.15 | 1.6 | 60,580.04 | 93 | 3,729.0 | 3,553 |

NOTE.—The above group of 25 cities utilizes about 80 per cent of the power distributed by the Commission to Ontario municipalities.

*Includes only 25-cycle data. ‡Does not include street railway power

of Population, 2,000 or more

| | | | | | | | | | |
|-----------|-----------|-----|-----|------|-----|-----------|----|---------|-------|
| 6,685.17 | 318,998 | 119 | 223 | 4.68 | 2.1 | 6,680.79 | 15 | 250.7 | 754 |
| 32,656.67 | 1,663,623 | 405 | 342 | 6.72 | 2.0 | 18,969.51 | 45 | 1,042.5 | 2,432 |
| 9,196.36 | 308,455 | 179 | 144 | 4.28 | 3.0 | 50,855.91 | 30 | 1,725.4 | 1,289 |
| 16,705.80 | 969,269 | 241 | 335 | 5.78 | 1.7 | 19,667.46 | 52 | 1,189.2 | 1,697 |
| 25,527.68 | 1,619,275 | 448 | 301 | 4.77 | 1.6 | 35,117.17 | 72 | 1,933.0 | 3,243 |
| 9,858.69 | 365,882 | 188 | 162 | 4.37 | 2.7 | 29,257.71 | 19 | 1,261.9 | 1,175 |
| 18,389.81 | 692,245 | 294 | 196 | 5.21 | 2.7 | 27,137.06 | 51 | 1,251.9 | 1,590 |
| 9,932.79 | 432,944 | 200 | 180 | 4.14 | 2.3 | 14,360.70 | 53 | 930.9 | 1,563 |
| 11,094.35 | 635,112 | 181 | 293 | 5.10 | 1.7 | 22,154.24 | 37 | 1,343.5 | 1,430 |
| 12,822.59 | 696,238 | 220 | 263 | 4.85 | 1.8 | 13,545.35 | 28 | 795.4 | 1,099 |

STATEMENT

Statistics Relating to the Supply of Electric Energy to Consumers
For Domestic Service, for Commercial Light Service

Group II—TOWNS

| Municipality | System | Popula- tion | Domestic service | | | | | |
|----------------------|--------|-----------------|------------------|-------------|-----------------------------|-----------------------------------|----------------------------|------------------------|
| | | | Revenue | Consumption | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | \$ c. | kw-hr. | | kw-hr. | \$ c. | cents |
| Elmira..... | Nia. | 2,352 | 17,436. 14 | 794,164 | 519 | 128 | 2. 80 | 2. 2 |
| Fergus..... | Nia. | 2,623 | 17,357. 08 | 1,024,740 | 653 | 132 | 2. 24 | 1. 7 |
| Georgetown..... | Nia. | 2,283 | 16,368. 27 | 930,604 | 730 | 106 | 1. 87 | 1. 8 |
| Goderich..... | Nia. | 4,344 | 32,328. 48 | 1,454,855 | 1,194 | 102 | 2. 27 | 2. 2 |
| Hanover..... | G.B. | 3,056 | 18,912. 29 | 919,076 | 724 | 106 | 2. 18 | 2. 1 |
| Hespeler..... | Nia. | 2,877 | 16,378. 19 | 690,435 | 720 | 80 | 1. 90 | 2. 4 |
| Humberstone..... | Nia. | 2,532 | 9,483. 79 | 389,730 | 575 | 56 | 1. 37 | 2. 4 |
| Huntsville..... | G.B. | 2,718 | 11,946. 41 | 729,695 | 608 | 100 | 1. 64 | 1. 6 |
| Ingersoll..... | Nia. | 5,158 | 32,553. 65 | 1,940,814 | 1,340 | 121 | 2. 02 | 1. 7 |
| Kincardine..... | G.B. | 2,468 | 15,228. 57 | 494,172 | 646 | 64 | 1. 96 | 3. 1 |
| Kingsville..... | Nia. | 2,125 | 14,386. 98 | 750,629 | 600 | 104 | 2. 00 | 1. 9 |
| Leamington..... | Nia. | 5,020 | 29,256. 31 | 1,610,686 | 1,369 | 98 | 1. 78 | 1. 8 |
| Lindsay..... | E.O. | 6,949 | 41,473. 05 | 1,981,216 | 1,887 | 87 | 1. 82 | 2. 1 |
| Listowel..... | Nia. | 2,798 | 17,615. 10 | 886,162 | 745 | 100 | 1. 98 | 2. 0 |
| Long Branch..... | Nia. | 3,746 | 26,412. 78 | 1,339,310 | 1,179 | 95 | 1. 87 | 2. 0 |
| Meaford..... | G.B. | 2,762 | 11,819. 85 | 498,593 | 665 | 62 | 1. 48 | 2. 4 |
| Merrittton..... | Nia. | 2,530 | 12,690. 87 | 820,741 | 640 | 107 | 1. 65 | 1. 5 |
| Midland..... | G.B. | 6,845 | 35,659. 11 | 2,220,139 | 1,561 | 118 | 1. 90 | 1. 6 |
| Mimico..... | Nia. | 6,915 | 58,423. 06 | 3,749,895 | 1,775 | 176 | 2. 74 | 1. 6 |
| Napanee..... | E.O. | 3,013 | 24,699. 57 | 1,243,377 | 778 | 134 | 2. 65 | 2. 0 |
| New Toronto..... | Nia. | 8,040 | 37,544. 52 | 2,418,320 | 1,605 | 126 | 1. 95 | 1. 6 |
| Orangeville..... | G.B. | 2,792 | 15,523. 71 | 690,330 | 680 | 85 | 1. 90 | 2. 2 |
| Paris..... | Nia. | 4,324 | 23,879. 14 | 1,522,066 | 1,060 | 120 | 1. 88 | 1. 6 |
| Penetanguishene..... | G.B. | 3,989 | 12,278. 02 | 475,502 | 590 | 67 | 1. 73 | 2. 6 |
| Perth..... | E.O. | 4,215 | 23,396. 43 | 1,391,090 | 995 | 117 | 1. 96 | 1. 7 |
| Petrolia..... | Nia. | 2,705 | 12,156. 57 | 530,283 | 694 | 64 | 1. 46 | 2. 3 |
| Pictou..... | E.O. | 3,560 | 23,157. 64 | 1,168,109 | 1,010 | 96 | 1. 91 | 2. 0 |
| Port Colborne..... | Nia. | 5,844 | 31,354. 49 | 1,418,605 | 1,360 | 87 | 1. 93 | 2. 2 |
| Port Hope..... | E.O. | 4,320 | 29,081. 87 | 1,212,093 | 1,242 | 81 | 1. 95 | 2. 4 |
| Prescott..... | E.O. | 2,942 | 16,976. 33 | 1,185,302 | 692 | 143 | 2. 04 | 1. 4 |
| Preston..... | Nia. | 6,287 | 34,299. 98 | 2,010,598 | 1,472 | 114 | 1. 94 | 1. 7 |
| Riverside..... | Nia. | 4,820 | 38,351. 60 | 1,733,193 | 1,232 | 117 | 2. 59 | 2. 2 |
| St. Marys..... | Nia. | 4,032 | 30,417. 92 | 1,356,807 | 1,000 | 113 | 2. 53 | 2. 2 |
| Simcoe..... | Nia. | 5,503 | 23,086. 16 | 1,230,730 | 1,305 | 78 | 1. 47 | 1. 8 |
| Smiths Falls..... | E.O. | 7,539 | 42,078. 97 | 2,484,825 | 1,750 | 118 | 2. 00 | 1. 7 |
| Strathroy..... | Nia. | 2,886 | 20,493. 76 | 1,192,016 | 805 | 123 | 2. 12 | 1. 7 |
| Tecumseh..... | Nia. | 2,472 | 13,256. 39 | 438,775 | 517 | 71 | 2. 13 | 3. 0 |
| Thorold..... | Nia. | 4,959 | 19,597. 17 | 1,095,183 | 1,128 | 81 | 1. 44 | 1. 8 |
| Tillsonburg..... | Nia. | 3,513 | 16,896. 81 | 859,866 | 960 | 75 | 1. 47 | 2. 0 |
| Trenton..... | E.O. | 6,541 | 27,209. 22 | 1,367,084 | 1,350 | 84 | 1. 68 | 2. 0 |
| Walkerton..... | G.B. | 2,428 | 13,673. 28 | 695,029 | 544 | 106 | 2. 09 | 2. 0 |
| Wallaceburg..... | Nia. | 4,589 | 18,952. 14 | 870,512 | 1,073 | 68 | 1. 47 | 2. 2 |
| Waterloo..... | Nia. | 8,310 | 63,945. 76 | 4,517,794 | 1,905 | 198 | 2. 80 | 1. 4 |
| Weston..... | Nia. | 5,040 | 45,617. 74 | 3,794,108 | 1,284 | 246 | 2. 96 | 1. 2 |
| Whitby..... | E.O. | 3,751 | 20,653. 54 | 1,286,220 | 859 | 125 | 2. 00 | 1. 6 |

“D”—Continued

in Ontario Municipalities Served by the Commission
and for Power Service during the Year 1936

Population, 2,000 or more

| Commercial Light service | | | | | | Power service | | | Total number of con- sumers |
|--------------------------|-------------|--------------------------------|-----------------------------------|----------------------------|------------------------|---------------|--------------------------------|---------------------------------------|---|
| Revenue | Consumption | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of con- sumers | Average monthly horse- power | |
| \$ c. | kw-hr. | | kw-hr. | \$ c. | cents | \$ c. | | | |
| 7,119.56 | 237,400 | 119 | 166 | 4.99 | 3.0 | 6,811.88 | 22 | 357.0 | 660 |
| 6,739.37 | 234,780 | 113 | 172 | 4.93 | 2.9 | 16,150.81 | 14 | 616.1 | 780 |
| 6,479.99 | 270,829 | 131 | 172 | 4.12 | 2.4 | 24,813.57 | 29 | 972.6 | 890 |
| 15,963.03 | 643,312 | 228 | 238 | 5.90 | 2.5 | 12,803.02 | 20 | 607.9 | 1,442 |
| 6,857.13 | 293,997 | 121 | 202 | 4.72 | 2.3 | 19,204.84 | 23 | 758.1 | 868 |
| 6,010.46 | 287,908 | 106 | 226 | 4.73 | 2.1 | 44,606.53 | 29 | 1,774.4 | 855 |
| 3,552.98 | 222,316 | 50 | 370 | 5.92 | 1.6 | 3,645.81 | 4 | 110.9 | 629 |
| 9,253.53 | 519,209 | 130 | 333 | 5.93 | 1.8 | 13,683.77 | 13 | 880.0 | 751 |
| 15,887.71 | 953,159 | 240 | 331 | 5.52 | 1.7 | 30,642.25 | 42 | 1,600.5 | 1,622 |
| 7,433.86 | 232,926 | 121 | 160 | 5.12 | 3.2 | 11,294.02 | 20 | 486.0 | 787 |
| 6,656.59 | 292,965 | 150 | 163 | 3.70 | 2.3 | 4,759.00 | 13 | 194.1 | 763 |
| 15,821.28 | 845,066 | 254 | 277 | 5.19 | 1.9 | 21,661.42 | 28 | 971.7 | 1,651 |
| 26,888.95 | 1,059,331 | 336 | 260 | 6.59 | 2.5 | 31,454.78 | 71 | 1,572.7 | 2,294 |
| 9,612.26 | 456,561 | 156 | 248 | 5.24 | 2.1 | 14,229.25 | 19 | 621.0 | 920 |
| 6,427.80 | 358,213 | 115 | 260 | 4.66 | 1.8 | 2,478.50 | 5 | 114.8 | 1,299 |
| 6,936.27 | 295,171 | 145 | 170 | 3.99 | 2.3 | 7,617.79 | 19 | 413.9 | 829 |
| 2,715.84 | 140,642 | 67 | 175 | 3.37 | 1.9 | 93,192.85 | 10 | 4,395.5 | 717 |
| 15,144.62 | 840,053 | 215 | 326 | 5.87 | 1.8 | 52,261.39 | 59 | 3,752.2 | 1,835 |
| 10,466.83 | 498,559 | 138 | 301 | 6.32 | 2.1 | 11,763.77 | 20 | 485.8 | 1,933 |
| 14,141.44 | 520,695 | 196 | 221 | 6.01 | 2.7 | 12,315.14 | 31 | 574.7 | 1,005 |
| 16,166.77 | 1,249,769 | 192 | 542 | 7.02 | 1.3 | 135,158.03 | 34 | 5,702.9 | 1,831 |
| 9,654.06 | 399,525 | 159 | 209 | 5.06 | 2.4 | 6,951.94 | 26 | 555.7 | 865 |
| 8,637.45 | 489,346 | 180 | 227 | 4.00 | 1.8 | 15,245.32 | 23 | 819.0 | 1,263 |
| 5,792.74 | 234,394 | 99 | 197 | 4.88 | 2.5 | 15,978.08 | 27 | 669.3 | 716 |
| 14,648.69 | 626,737 | 204 | 256 | 5.98 | 2.3 | 16,982.39 | 24 | 802.8 | 1,223 |
| 7,071.87 | 268,576 | 184 | 122 | 3.20 | 2.6 | 24,292.03 | 62 | 740.0 | 940 |
| 14,755.08 | 688,782 | 194 | 295 | 6.34 | 2.1 | 7,708.65 | 34 | 453.5 | 1,238 |
| 15,449.56 | 832,730 | 229 | 303 | 5.62 | 1.9 | 15,434.76 | 23 | 608.9 | 1,612 |
| 12,676.94 | 451,710 | 205 | 184 | 5.15 | 2.8 | 29,382.03 | 43 | 1,172.9 | 1,490 |
| 9,007.78 | 497,374 | 164 | 253 | 4.58 | 1.8 | 5,507.03 | 18 | 328.0 | 874 |
| 17,575.80 | 844,263 | 226 | 311 | 6.48 | 2.1 | 43,535.59 | 49 | 2,305.8 | 1,747 |
| 4,200.95 | 163,920 | 54 | 252 | 6.48 | 2.5 | 5,094.99 | 8 | 169.5 | 1,294 |
| 11,641.24 | 454,217 | 180 | 211 | 5.40 | 2.6 | 20,517.02 | 36 | 738.8 | 1,216 |
| 27,220.90 | 1,553,830 | 329 | 381 | 6.69 | 1.7 | 27,393.42 | 38 | 1,127.4 | 1,672 |
| 15,879.23 | 760,703 | 269 | 236 | 4.92 | 2.1 | 26,045.57 | 44 | 1,313.7 | 2,063 |
| 10,556.49 | 485,830 | 166 | 244 | 5.30 | 2.2 | 15,400.64 | 27 | 692.0 | 998 |
| 4,135.62 | 143,110 | 45 | 265 | 7.65 | 2.9 | 2,426.30 | 3 | 90.2 | 565 |
| 7,242.68 | 454,387 | 145 | 261 | 4.16 | 1.6 | 39,600.66 | 17 | 1,964.0 | 1,290 |
| 14,113.90 | 728,764 | 231 | 263 | 5.09 | 1.9 | 13,078.28 | 32 | 651.8 | 1,223 |
| 18,008.53 | 749,385 | 257 | 243 | 5.84 | 2.4 | 68,825.56 | 50 | 2,560.1 | 1,657 |
| 8,048.17 | 326,197 | 136 | 200 | 4.93 | 2.5 | 4,621.93 | 17 | 184.0 | 697 |
| 11,227.19 | 490,427 | 236 | 173 | 3.97 | 2.3 | 53,569.07 | 29 | 1,730.0 | 1,338 |
| 23,828.49 | 1,218,584 | 247 | 411 | 8.04 | 2.0 | 32,078.70 | 73 | 1,915.0 | 2,225 |
| 10,330.10 | 645,347 | 178 | 302 | 4.84 | 1.6 | 42,723.17 | 27 | 1,913.7 | 1,489 |
| 10,317.85 | 473,445 | 158 | 250 | 5.44 | 2.2 | 16,548.94 | 20 | 613.4 | 1,037 |

STATEMENT

Statistics Relating to the Supply of Electrical Energy to Consumers
For Domestic Service, for Commercial Light Service

Group III—SMALL TOWNS (less than 2,000 population),

NOTE—The power used in the smaller places and rural districts is, and possibly must always be, a relatively small proportion of the power distributed by the Commission. Thus, the power used by the small municipalities in the following group, which includes small towns, villages and certain suburban areas in townships, is less than 10 per cent of the power distributed by the Commission to Ontario municipalities. This relatively small proportion of the total power,

| Municipality | System | Popula- tion | Domestic service | | | | | |
|--------------------|--------|-----------------|------------------|-------------|--------------------------------|-----------------------------------|----------------------------|-------------------------|
| | | | Revenue | Consumption | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw.-hr. |
| | | | \$ c. | kw.-hr. | | kw.-hr. | \$ c. | cents |
| Acton..... | Nia. | 1,957 | 11,070.82 | 646,680 | 489 | 110 | 1.89 | 1.7 |
| Agincourt..... | Nia. | P.V. | 4,643.07 | 226,138 | 152 | 124 | 2.55 | 2.1 |
| Ailsa Craig..... | Nia. | 452 | 2,375.12 | 91,961 | 132 | 58 | 1.51 | 2.6 |
| Alexandria..... | E.O. | 1,931 | 7,362.03 | 157,853 | 316 | 42 | 1.94 | 4.7 |
| Alliston..... | G.B. | 1,412 | 9,242.00 | 242,655 | 336 | 60 | 2.24 | 3.8 |
| Alvinston..... | Nia. | 607 | 4,122.99 | 61,407 | 154 | 33 | 2.23 | 6.7 |
| Ancaster Twp..... | Nia. | | 9,026.18 | 456,716 | 279 | 137 | 2.68 | 1.9 |
| Apple Hill..... | E.O. | P.V. | 1,257.58 | 20,742 | 49 | 35 | 2.14 | 6.1 |
| Arkona..... | Nia. | 408 | 2,786.01 | 49,100 | 100 | 41 | 2.32 | 5.7 |
| Arthur..... | G.B. | 1,052 | 5,068.93 | 105,701 | 185 | 48 | 2.28 | 4.8 |
| Athens..... | E.O. | 626 | 2,991.62 | 62,870 | 163 | 32 | 1.53 | 4.7 |
| Aylmer..... | Nia. | 1,992 | 10,558.95 | 588,932 | 663 | 74 | 1.33 | 1.8 |
| Ayr..... | Nia. | 763 | 5,369.52 | 284,025 | 211 | 114 | 2.16 | 1.9 |
| Baden..... | Nia. | P.V. | 4,004.31 | 223,252 | 144 | 132 | 2.38 | 1.8 |
| Bath..... | E.O. | 360 | 1,412.87 | 30,089 | 33 | 76 | 3.57 | 4.7 |
| Beachville..... | Nia. | P.V. | 3,106.21 | 127,489 | 137 | 78 | 1.89 | 2.4 |
| Beaverton..... | G.B. | 920 | 6,406.02 | 275,225 | 325 | 71 | 1.64 | 2.3 |
| Beeton..... | G.B. | 585 | 3,603.48 | 71,287 | 126 | 47 | 2.38 | 5.1 |
| Belle River..... | Nia. | 705 | 3,862.65 | 139,740 | 214 | 54 | 1.50 | 2.8 |
| Blenheim..... | Nia. | 1,740 | 9,165.05 | 391,284 | 512 | 64 | 1.49 | 2.3 |
| Bloomfield..... | E.O. | 669 | 3,329.82 | 90,524 | 162 | 47 | 1.71 | 3.7 |
| Blyth..... | Nia. | 632 | 3,476.05 | 93,908 | 170 | 47 | 1.73 | 3.7 |
| Bolton..... | Nia. | 559 | 3,884.52 | 159,747 | 165 | 81 | 1.96 | 2.4 |
| Bothwell..... | Nia. | 697 | 2,697.41 | 109,180 | 175 | 52 | 1.28 | 2.5 |
| Bradford..... | G.B. | 999 | 6,468.72 | 189,322 | 231 | 68 | 2.33 | 3.4 |
| Brantford Twp..... | Nia. | | 20,934.07 | 999,531 | 865 | 96 | 2.02 | 2.1 |
| Brechin..... | G.B. | P.V. | 1,061.05 | 23,622 | 41 | 48 | 2.16 | 4.5 |
| Bridgeport..... | Nia. | P.V. | 4,105.84 | 147,175 | 132 | 93 | 2.59 | 2.8 |
| Brigden..... | Nia. | P.V. | 2,316.33 | 53,178 | 110 | 40 | 1.75 | 4.4 |
| Brighton..... | E.O. | 1,374 | 9,386.39 | 221,467 | 489 | 38 | 1.60 | 4.2 |
| Brussels..... | Nia. | 775 | 5,142.50 | 124,367 | 224 | 47 | 1.94 | 4.1 |
| Burford..... | Nia. | P.V. | 4,041.51 | 199,285 | 187 | 90 | 1.80 | 2.0 |
| Burgessville..... | Nia. | P.V. | 1,386.19 | 33,611 | 52 | 54 | 2.22 | 4.1 |
| Caledonia..... | Nia. | 1,351 | 5,823.38 | 225,651 | 379 | 50 | 1.29 | 2.6 |
| Campbellville..... | Nia. | P.V. | 1,385.19 | 29,654 | 46 | 54 | 2.51 | 4.7 |
| Cannington..... | G.B. | 757 | 5,195.85 | 185,009 | 251 | 61 | 1.73 | 2.8 |
| Capreol..... | N.O.P. | 1,750 | 8,901.72 | 156,874 | 328 | 40 | 2.26 | 5.7 |
| Cardinal..... | E.O. | 1,148 | 6,882.18 | 281,937 | 345 | 68 | 1.66 | 2.4 |
| Cayuga..... | Nia. | 700 | 3,702.14 | 99,191 | 140 | 59 | 2.20 | 3.7 |
| Chatsworth..... | G.B. | 302 | 1,824.87 | 50,433 | 83 | 51 | 1.83 | 3.6 |

“D”—Continued

in Ontario Municipalities Served by the Commission
and for Power Service during the Year 1936

VILLAGES AND SUBURBAN AREAS

however, exerts upon the economic life of the Province a most beneficial influence. It should further be appreciated that about 35 per cent of these municipalities obtain their power, not from Niagara, but from relatively small water-power developments throughout the Province. The net cost per kilowatt-hour given in the table is the cost inclusive of all charges. Consult also introduction to Statement “D,” page 420.

| Commercial Light service | | | | | | Power service | | | Total number of consumers |
|--------------------------|-------------|---------------------|-----------------------------|----------------------|---------------------|---------------|---------------------|-----------------------------|---------------------------|
| Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of consumers | Average monthly horse-power | |
| \$ c. | kw-hr. | | kw-hr. | \$ c. | cents | \$ c. | | | |
| 4,712.30 | 245,074 | 91 | 224 | 4.31 | 1.9 | 24,199.87 | 15 | 858.2 | 595 |
| 1,206.03 | 42,141 | 26 | 135 | 3.87 | 2.9 | 1,559.21 | 3 | 62.5 | 181 |
| 1,517.17 | 45,297 | 39 | 98 | 3.28 | 3.3 | 1,304.46 | 2 | 45.9 | 173 |
| 5,126.81 | 100,103 | 103 | 81 | 4.15 | 5.1 | 3,698.05 | 16 | 118.7 | 435 |
| 5,313.51 | 142,800 | 100 | 119 | 4.43 | 3.7 | 3,234.36 | 14 | 149.6 | 450 |
| 2,485.79 | 44,255 | 52 | 71 | 3.98 | 5.6 | 605.72 | 2 | 24.5 | 208 |
| 1,740.19 | 77,107 | 39 | 165 | 3.72 | 2.3 | 485.45 | 5 | 21.8 | 323 |
| 933.90 | 20,612 | 21 | 82 | 3.71 | 4.5 | 273.86 | 1 | 11.0 | 71 |
| 1,776.66 | 39,903 | 36 | 94 | 4.17 | 4.5 | 189.05 | 2 | 5.0 | 138 |
| 4,188.34 | 84,843 | 83 | 85 | 4.21 | 4.9 | 2,046.46 | 4 | 94.9 | 272 |
| 1,317.09 | 34,539 | 44 | 65 | 2.49 | 3.8 | 1,139.57 | 1 | 34.2 | 208 |
| 6,924.88 | 358,020 | 144 | 207 | 4.01 | 1.9 | 4,096.20 | 9 | 195.8 | 816 |
| 1,871.66 | 67,159 | 47 | 123 | 3.43 | 2.8 | 402.69 | 4 | 17.1 | 262 |
| 1,711.19 | 63,488 | 38 | 145 | 3.91 | 2.7 | 5,548.21 | 3 | 215.3 | 185 |
| 906.84 | 17,361 | 18 | 80 | 4.20 | 5.2 | | | | 51 |
| 533.75 | 19,932 | 22 | 76 | 2.02 | 2.7 | 10,217.79 | 4 | 387.0 | 163 |
| 2,709.59 | 132,577 | 66 | 167 | 3.42 | 2.0 | 1,163.84 | 9 | 70.0 | 400 |
| 2,327.29 | 48,435 | 40 | 101 | 4.85 | 4.8 | 1,788.07 | 4 | 74.4 | 170 |
| 1,809.65 | 60,205 | 40 | 125 | 3.77 | 3.0 | 1,247.02 | 2 | 31.7 | 256 |
| 6,749.75 | 310,532 | 124 | 209 | 4.54 | 2.2 | 4,893.31 | 13 | 175.4 | 649 |
| 1,411.00 | 41,690 | 28 | 124 | 4.20 | 3.4 | 634.50 | 5 | 25.7 | 195 |
| 1,673.22 | 40,658 | 53 | 65 | 2.66 | 4.1 | 645.55 | 4 | 38.3 | 227 |
| 970.74 | 25,455 | 36 | 59 | 2.25 | 3.8 | 2,396.87 | 9 | 98.5 | 210 |
| 1,404.70 | 57,245 | 50 | 95 | 2.34 | 2.5 | 898.78 | 7 | 74.5 | 232 |
| 3,581.42 | 79,306 | 66 | 100 | 4.52 | 4.5 | 3,220.54 | 10 | 177.9 | 307 |
| 4,235.00 | 226,003 | 53 | 355 | 6.66 | 1.9 | 3,027.14 | 5 | 132.7 | 923 |
| 1,092.21 | 22,119 | 27 | 68 | 3.37 | 4.9 | 1,021.88 | 3 | 36.0 | 71 |
| 838.84 | 23,945 | 18 | 111 | 3.88 | 3.5 | 322.23 | 4 | 11.8 | 154 |
| 1,904.71 | 46,013 | 43 | 89 | 3.69 | 4.1 | 686.17 | 5 | 25.5 | 158 |
| 4,636.19 | 125,729 | 93 | 113 | 4.15 | 3.7 | 2,565.43 | 10 | 133.7 | 592 |
| 2,681.71 | 72,451 | 65 | 94 | 3.46 | 3.7 | 761.23 | 2 | 25.0 | 291 |
| 1,098.97 | 52,306 | 30 | 145 | 3.05 | 2.1 | 1,455.34 | 2 | 61.6 | 219 |
| 660.12 | 16,442 | 18 | 76 | 3.06 | 4.0 | 23.21 | 1 | 4.0 | 71 |
| 4,037.34 | 190,125 | 90 | 176 | 3.73 | 2.1 | 2,296.42 | 7 | 88.4 | 476 |
| 481.09 | 13,738 | 9 | 127 | 4.45 | 3.5 | | | | 55 |
| 2,523.75 | 77,401 | 75 | 86 | 2.80 | 3.3 | 761.97 | 10 | 37.5 | 336 |
| 3,412.41 | 79,051 | 50 | 132 | 5.69 | 4.3 | 3,412.41 | 1 | 25.0 | 379 |
| 1,916.92 | 86,177 | 57 | 126 | 2.80 | 2.2 | 536.64 | 2 | 14.9 | 404 |
| 3,198.68 | 79,604 | 58 | 114 | 4.56 | 4.0 | 1,088.27 | 6 | 41.7 | 204 |
| 1,223.52 | 30,884 | 33 | 78 | 3.09 | 4.0 | | | | 116 |

STATEMENT

Statistics Relating to the Supply of Electric Energy to Consumers
For Domestic Service, for Commercial Light Service

Group III—SMALL TOWNS (less than 2,000 population),

| Municipality | System | Popula- tion | Domestic service | | | | | |
|--------------------|--------|-----------------|------------------|-------------|--------------------------------|-----------------------------------|----------------------------|-------------------------|
| | | | Revenue | Consumption | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw.-hr. |
| | | | \$ c. | kw.-hr. | | kw.-hr. | \$ c. | cents |
| Chesley..... | G.B. | 1,759 | 8,870.03 | 377,174 | 425 | 74 | 1.74 | 2.4 |
| Chesterville..... | E.O. | 1,074 | 5,656.44 | 240,430 | 227 | 88 | 2.08 | 2.4 |
| Chippawa..... | Nia. | 1,195 | 7,904.93 | 512,811 | 308 | 139 | 2.14 | 1.5 |
| Clifford..... | Nia. | 423 | 2,314.12 | 53,654 | 103 | 43 | 1.87 | 4.3 |
| Clinton..... | Nia. | 1,873 | 12,134.92 | 544,890 | 510 | 89 | 1.99 | 2.2 |
| Cobden..... | E.O. | 641 | 2,442.26 | 43,499 | 98 | 37 | 2.08 | 5.6 |
| Colborne..... | E.O. | 986 | 5,237.91 | 129,665 | 232 | 46 | 1.88 | 4.0 |
| Coldwater..... | G.B. | 617 | 2,725.73 | 136,216 | 136 | 83 | 1.67 | 2.0 |
| Comber..... | Nia. | P.V. | 2,136.98 | 61,818 | 97 | 53 | 1.84 | 3.4 |
| Cookstown..... | G.B. | P.V. | 2,200.67 | 40,834 | 99 | 34 | 1.85 | 5.4 |
| Cottam..... | Nia. | P.V. | 2,476.24 | 65,044 | 109 | 50 | 1.89 | 3.9 |
| Courtright..... | Nia. | 283 | 1,474.14 | 23,832 | 59 | 33 | 2.08 | 6.2 |
| Creemore..... | G.B. | 649 | 3,255.49 | 75,090 | 142 | 44 | 1.91 | 4.3 |
| Dashwood..... | Nia. | P.V. | 1,429.61 | 39,934 | 70 | 49 | 1.76 | 3.6 |
| Delaware..... | Nia. | P.V. | 1,479.43 | 67,245 | 54 | 104 | 2.28 | 2.2 |
| Deseronto..... | E.O. | 1,363 | 5,782.26 | 169,748 | 288 | 49 | 1.67 | 3.4 |
| Dorchester..... | Nia. | P.V. | 2,346.75 | 100,770 | 129 | 65 | 1.44 | 2.3 |
| Drayton..... | Nia. | 568 | 3,100.20 | 98,426 | 155 | 53 | 1.67 | 3.1 |
| Dresden..... | Nia. | 1,509 | 6,334.26 | 249,104 | 385 | 54 | 1.37 | 2.5 |
| Drumbo..... | Nia. | P.V. | 2,056.83 | 76,950 | 85 | 75 | 2.02 | 2.7 |
| Dublin..... | Nia. | P.V. | 1,385.20 | 25,660 | 46 | 48 | 2.59 | 5.4 |
| Dundalk..... | G.B. | 646 | 3,059.80 | 102,566 | 170 | 50 | 1.50 | 3.0 |
| Durham..... | G.B. | 1,823 | 6,805.65 | 282,154 | 418 | 56 | 1.36 | 2.4 |
| Dutton..... | Nia. | 810 | 3,193.72 | 155,308 | 208 | 62 | 1.28 | 2.1 |
| East York Twp..... | Nia. | ..... | 192,880.12 | 10,071,336 | 9,319 | 90 | 1.72 | 1.9 |
| Elmvale..... | G.B. | P.V. | 2,828.21 | 101,507 | 159 | 53 | 1.48 | 2.8 |
| Elmwood..... | G.B. | P.V. | 1,254.73 | 23,369 | 63 | 31 | 1.66 | 5.4 |
| Elora..... | Nia. | 1,143 | 7,648.43 | 307,954 | 317 | 82 | 2.03 | 2.5 |
| Embro..... | Nia. | 434 | 2,843.19 | 115,738 | 101 | 95 | 2.35 | 2.5 |
| Erieau..... | Nia. | 286 | 3,838.45 | 101,690 | 171 | 50 | 1.87 | 3.8 |
| Erie Beach..... | Nia. | ..... | 1,613.89 | 22,000 | 69 | 27 | 1.95 | 7.3 |
| Essex..... | Nia. | 1,748 | 7,807.69 | 352,268 | 454 | 65 | 1.43 | 2.2 |
| Etobicoke Twp..... | Nia. | ..... | 127,981.44 | 8,788,147 | 3,705 | 198 | 2.88 | 1.5 |
| Exeter..... | Nia. | 1,658 | 11,102.39 | 545,591 | 449 | 102 | 2.07 | 2.0 |
| Finch..... | E.O. | 368 | 2,059.40 | 66,037 | 84 | 65 | 2.04 | 3.1 |
| Flesherton..... | G.B. | 469 | 2,646.04 | 73,364 | 138 | 44 | 1.60 | 3.6 |
| Fonthill..... | Nia. | 800 | 4,893.25 | 187,888 | 211 | 74 | 1.93 | 2.6 |
| Forest..... | Nia. | 1,475 | 10,787.73 | 443,820 | 448 | 81 | 1.98 | 2.4 |
| Glencoe..... | Nia. | 903 | 5,278.55 | 189,926 | 216 | 73 | 2.04 | 2.8 |
| Grand Valley..... | G.B. | 572 | 3,276.79 | 80,029 | 159 | 42 | 1.72 | 4.1 |

“D”—Continued

in Ontario Municipalities Served by the Commission
and for Power Service during the Year 1936

VILLAGES AND SUBURBAN AREAS

| Commercial Light service | | | | | | Power service | | | Total number of consumers |
|--------------------------|-------------|---------------------|-----------------------------|----------------------|---------------------|---------------|---------------------|-----------------------------|---------------------------|
| Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of consumers | Average monthly horse-power | |
| \$ c. | kw-hr. | | kw-hr. | \$ c. | cents | \$ c. | | | |
| 4,583.03 | 188,276 | 99 | 158 | 3.86 | 2.4 | 8,478.41 | 20 | 369.7 | 544 |
| 3,231.78 | 114,730 | 69 | 138 | 3.90 | 2.8 | 2,471.49 | 4 | 102.0 | 300 |
| 1,934.56 | 101,494 | 47 | 180 | 3.42 | 1.9 | 1,312.74 | 3 | 42.2 | 358 |
| 1,642.52 | 42,180 | 38 | 93 | 3.60 | 3.9 | 389.19 | 1 | 14.0 | 142 |
| 6,538.51 | 247,264 | 130 | 160 | 4.24 | 2.6 | 5,123.85 | 15 | 207.2 | 655 |
| 2,792.07 | 39,568 | 50 | 66 | 4.65 | 7.1 | 404.94 | 1 | 10.5 | 149 |
| 3,323.63 | 86,372 | 73 | 99 | 3.79 | 3.8 | 834.17 | 5 | 47.0 | 310 |
| 1,738.06 | 55,751 | 47 | 99 | 3.08 | 3.1 | 4,301.22 | 2 | 196.7 | 185 |
| 2,294.01 | 62,130 | 47 | 110 | 4.07 | 3.7 | 3,313.66 | 3 | 89.8 | 147 |
| 1,321.98 | 27,218 | 31 | 73 | 3.55 | 4.9 | 780.84 | 3 | 47.3 | 133 |
| 1,205.08 | 46,403 | 29 | 133 | 3.46 | 2.6 | 370.96 | 1 | 15.0 | 139 |
| 1,000.80 | 18,792 | 26 | 60 | 3.21 | 5.3 | 763.24 | 1 | 12.5 | 86 |
| 1,946.40 | 44,618 | 55 | 68 | 2.95 | 4.4 | 991.08 | 2 | 53.6 | 199 |
| 907.25 | 19,082 | 30 | 58 | 2.75 | 4.8 | 1,184.60 | 2 | 38.1 | 102 |
| 611.39 | 19,745 | 19 | 87 | 2.68 | 3.1 | | | | 73 |
| 2,328.23 | 51,610 | 65 | 66 | 2.98 | 4.5 | 1,935.65 | 8 | 73.7 | 361 |
| 868.85 | 32,677 | 27 | 100 | 2.68 | 2.7 | 550.57 | 2 | 36.0 | 158 |
| 1,985.09 | 58,705 | 50 | 98 | 3.31 | 3.4 | 1,137.12 | 4 | 51.3 | 209 |
| 5,002.54 | 222,942 | 112 | 166 | 3.72 | 2.2 | 4,386.11 | 10 | 186.5 | 507 |
| 835.28 | 25,194 | 23 | 91 | 3.03 | 3.3 | 750.36 | 1 | 23.0 | 109 |
| 793.68 | 15,345 | 21 | 56 | 2.88 | 5.2 | 270.71 | 2 | 12.5 | 69 |
| 2,735.97 | 84,078 | 72 | 97 | 3.17 | 3.3 | 2,783.39 | 4 | 147.2 | 246 |
| 4,560.61 | 185,169 | 106 | 146 | 3.59 | 2.5 | 4,437.37 | 11 | 225.4 | 535 |
| 2,509.30 | 100,697 | 66 | 127 | 3.17 | 2.5 | 3,476.07 | 8 | 151.8 | 282 |
| 26,828.11 | 1,476,254 | 397 | 310 | 5.63 | 1.8 | 36,047.10 | 33 | 1,561.0 | 9,749 |
| 1,742.63 | 68,222 | 59 | 96 | 2.46 | 2.6 | 2,985.82 | 7 | 139.0 | 225 |
| 710.07 | 15,050 | 20 | 63 | 2.96 | 4.7 | 1,537.98 | 1 | 41.2 | 84 |
| 3,685.24 | 138,426 | 71 | 161 | 4.30 | 2.7 | 2,931.26 | 2 | 126.8 | 390 |
| 1,577.02 | 40,480 | 44 | 77 | 2.99 | 3.9 | 1,203.93 | 1 | 38.3 | 146 |
| 1,371.26 | 32,389 | 13 | 208 | 8.79 | 4.2 | 564.66 | 2 | 21.1 | 186 |
| 318.35 | 6,563 | 3 | 182 | 8.84 | 4.9 | | | | 72 |
| 5,910.84 | 284,735 | 118 | 201 | 4.17 | 2.1 | 7,536.78 | 18 | 313.8 | 590 |
| 18,317.97 | 1,019,480 | 240 | 354 | 6.36 | 1.8 | 18,755.34 | 28 | 871.1 | 3,973 |
| 5,261.66 | 187,941 | 117 | 136 | 3.80 | 2.8 | 3,782.01 | 9 | 183.3 | 575 |
| 1,532.62 | 40,461 | 34 | 99 | 3.76 | 3.8 | 348.55 | 1 | 8.4 | 119 |
| 1,711.99 | 50,736 | 48 | 88 | 2.97 | 3.4 | 329.69 | 2 | 20.6 | 188 |
| 1,368.12 | 64,691 | 27 | 200 | 4.21 | 2.1 | 569.71 | 4 | 21.0 | 242 |
| 5,561.16 | 181,026 | 115 | 133 | 4.08 | 3.1 | 4,762.57 | 21 | 187.6 | 584 |
| 3,283.93 | 95,890 | 81 | 99 | 3.38 | 3.4 | 3,218.64 | 6 | 109.0 | 303 |
| 1,831.38 | 49,906 | 50 | 82 | 3.05 | 3.7 | 1,719.16 | 5 | 73.3 | 214 |

STATEMENT

Statistics Relating to the Supply of Electric Energy to Consumers
For Domestic Service, for Commercial Light Service

Group III—SMALL TOWNS (less than 2,000 population),

| Municipality | System | Popula- tion | Domestic service | | | | | |
|--------------------------|--------|-----------------|------------------|-------------|--------------------------------|-----------------------------------|----------------------------|------------------------|
| | | | Revenue | Consumption | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | \$ c. | kw-hr. | | kw-hr. | \$ c. | cents |
| Granton..... | Nia. | P.V. | 1,943.51 | 77,764 | 82 | 79 | 1.97 | 2.5 |
| Gravenhurst..... | G.B. | 1,997 | 9,602.96 | 600,470 | 510 | 98 | 1.57 | 1.6 |
| Hagersville..... | Nia. | 1,374 | 5,263.50 | 261,898 | 335 | 65 | 1.30 | 2.0 |
| Harriston..... | Nia. | 1,325 | 7,621.37 | 251,573 | 340 | 62 | 1.87 | 3.0 |
| Harrow..... | Nia. | 933 | 8,086.14 | 446,179 | 259 | 143 | 2.60 | 1.8 |
| Hastings..... | E.O. | 817 | 4,021.17 | 98,906 | 192 | 43 | 1.75 | 4.1 |
| Havelock..... | E.O. | 1,161 | 5,527.21 | 153,569 | 288 | 44 | 1.60 | 3.6 |
| Hensall..... | Nia. | 702 | 4,217.41 | 148,369 | 186 | 67 | 1.89 | 2.8 |
| Highgate..... | Nia. | 334 | 1,681.07 | 50,490 | 98 | 43 | 1.43 | 3.3 |
| Holstein..... | G.B. | P.V. | 1,215.41 | 14,300 | 56 | 21 | 1.81 | 8.5 |
| Jarvis..... | Nia. | 495 | 2,527.92 | 70,388 | 134 | 43 | 1.57 | 3.7 |
| Kemptville..... | E.O. | 1,330 | 7,030.92 | 262,212 | 334 | 65 | 1.75 | 2.7 |
| Kirkfield..... | G.B. | P.V. | 781.63 | 11,461 | 29 | 33 | 2.25 | 6.8 |
| Lakefield..... | E.O. | 1,374 | 6,229.34 | 212,392 | 319 | 55 | 1.63 | 3.0 |
| Lambeth..... | Nia. | P.V. | 3,237.04 | 165,386 | 118 | 117 | 2.29 | 2.0 |
| Lanark..... | E.O. | 673 | 2,912.93 | 64,867 | 159 | 34 | 1.53 | 4.5 |
| Lancaster..... | E.O. | 602 | 2,174.26 | 33,870 | 83 | 34 | 2.18 | 6.4 |
| La Salle..... | Nia. | 687 | 6,326.32 | 269,696 | 185 | 121 | 2.85 | 2.3 |
| London Twp..... | Nia. | ..... | 12,142.83 | 873,223 | 372 | 169 | 2.72 | 1.4 |
| Lucan..... | Nia. | 643 | 4,475.79 | 180,422 | 168 | 89 | 2.20 | 2.5 |
| Lucknow..... | G.B. | 1,062 | 6,666.81 | 193,144 | 279 | 58 | 1.99 | 3.5 |
| Lynden..... | Nia. | P.V. | 2,159.32 | 73,640 | 85 | 72 | 2.12 | 2.9 |
| Madoc..... | E.O. | 1,253 | 4,515.58 | 146,331 | 276 | 44 | 1.36 | 3.1 |
| Markdale..... | G.B. | 791 | 3,699.56 | 146,218 | 202 | 60 | 1.53 | 2.5 |
| Markham..... | Nia. | 1,114 | 7,488.53 | 316,704 | 290 | 91 | 2.15 | 2.4 |
| Marmora..... | E.O. | 986 | 3,761.43 | 68,496 | 206 | 28 | 1.52 | 5.5 |
| Martintown..... | E.O. | P.V. | 849.80 | 15,968 | 42 | 32 | 1.68 | 5.3 |
| Maxville..... | E.O. | 699 | 3,643.62 | 59,494 | 145 | 34 | 2.09 | 6.1 |
| Merlin..... | Nia. | P.V. | 2,129.31 | 56,819 | 110 | 43 | 1.61 | 3.7 |
| Mildmay..... | G.B. | 755 | 2,812.62 | 81,304 | 149 | 46 | 1.57 | 3.5 |
| Milton..... | Nia. | 1,739 | 12,099.94 | 569,045 | 456 | 104 | 2.21 | 2.1 |
| Milverton..... | Nia. | 992 | 5,476.45 | 237,623 | 235 | 86 | 1.97 | 2.3 |
| Mitchell..... | Nia. | 1,567 | 11,315.97 | 639,132 | 447 | 120 | 2.12 | 1.8 |
| Moorefield..... | Nia. | P.V. | 1,195.37 | 25,213 | 61 | 34 | 1.63 | 4.7 |
| Mt. Brydges..... | Nia. | P.V. | 2,771.50 | 138,270 | 136 | 85 | 1.70 | 2.0 |
| Mt. Forest..... | G.B. | 1,743 | 8,377.09 | 402,670 | 468 | 72 | 1.49 | 2.1 |
| Neustadt..... | G.B. | 484 | 1,853.50 | 25,013 | 90 | 23 | 1.72 | 7.4 |
| Newbury..... | Nia. | 282 | 1,258.85 | 26,307 | 70 | 31 | 1.50 | 4.8 |
| New Hamburg..... | Nia. | 1,456 | 9,408.29 | 461,888 | 353 | 111 | 2.25 | 2.0 |
| Niagara-on-the-Lake..... | Nia. | 1,815 | 14,401.87 | 945,455 | 485 | 162 | 2.47 | 1.5 |

"D"—Continued

in Ontario Municipalities Served by the Commission
and for Power Service during the Year 1936

VILLAGES AND SUBURBAN AREAS

| Commercial Light service | | | | | | Power service | | | Total number of con- sumers |
|--------------------------|-------------|--------------------------------|-----------------------------------|----------------------------|------------------------|---------------|--------------------------------|---------------------------------------|---|
| Revenue | Consumption | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of con- sumers | Average monthly horse- power | |
| \$ c. | kw-hr. | | kw-hr. | \$ c. | cents | \$ c. | | | |
| 1,037.98 | 37,593 | 34 | 92 | 2.54 | 2.8 | 785.37 | 1 | 42.0 | 117 |
| 6,926.81 | 384,990 | 118 | 272 | 4.89 | 1.8 | 9,742.23 | 15 | 437.3 | 643 |
| 4,897.97 | 259,220 | 108 | 200 | 3.78 | 1.9 | 12,336.54 | 14 | 571.1 | 457 |
| 4,858.78 | 154,857 | 102 | 127 | 3.97 | 3.1 | 5,864.35 | 14 | 237.2 | 456 |
| 4,226.32 | 172,680 | 76 | 189 | 4.63 | 2.4 | 4,413.83 | 5 | 163.3 | 340 |
| 1,830.40 | 37,242 | 53 | 59 | 2.88 | 4.9 | 268.02 | 4 | 17.1 | 249 |
| 2,654.12 | 66,812 | 60 | 93 | 3.69 | 4.0 | 2,555.97 | 3 | 88.5 | 351 |
| 1,906.39 | 53,754 | 55 | 84 | 2.97 | 3.5 | 2,554.46 | 13 | 114.0 | 254 |
| 893.68 | 23,508 | 34 | 58 | 2.19 | 3.8 | 1,242.58 | 6 | 56.8 | 138 |
| 563.40 | 7,434 | 18 | 34 | 2.61 | 7.6 | 110.93 | 1 | 6.9 | 75 |
| 1,910.26 | 63,378 | 43 | 123 | 3.70 | 3.0 | 3,870.22 | 4 | 132.4 | 181 |
| 4,338.47 | 169,714 | 87 | 162 | 4.16 | 2.6 | 5,323.23 | 8 | 197.0 | 429 |
| 1,181.88 | 21,910 | 18 | 100 | 5.47 | 5.4 | | | | 47 |
| 3,891.35 | 154,980 | 70 | 184 | 4.63 | 2.5 | 2,969.90 | 7 | 171.2 | 396 |
| 1,368.21 | 47,031 | 27 | 145 | 4.22 | 2.9 | 567.42 | 1 | 27.5 | 146 |
| 1,305.01 | 37,183 | 35 | 89 | 3.11 | 3.5 | | | | 194 |
| 1,877.32 | 21,955 | 35 | 62 | 4.47 | 7.2 | | | | 118 |
| 1,398.45 | 43,242 | 14 | 257 | 8.32 | 3.2 | 2,434.27 | 3 | 71.8 | 202 |
| 2,397.36 | 132,943 | 21 | 527 | 9.51 | 1.8 | 1,900.28 | 4 | 67.0 | 397 |
| 1,755.49 | 52,980 | 45 | 101 | 3.36 | 3.3 | 462.39 | 6 | 22.5 | 219 |
| 3,261.27 | 88,186 | 86 | 85 | 3.16 | 3.7 | 4,949.34 | 6 | 142.4 | 371 |
| 925.39 | 36,434 | 19 | 160 | 4.06 | 2.5 | 891.84 | 1 | 39.7 | 105 |
| 3,305.46 | 101,067 | 87 | 97 | 3.17 | 3.3 | 1,255.15 | 6 | 45.4 | 369 |
| 2,553.78 | 103,017 | 80 | 107 | 2.66 | 2.5 | 1,028.46 | 10 | 74.3 | 292 |
| 2,756.31 | 115,060 | 70 | 137 | 3.28 | 2.4 | 2,951.03 | 8 | 118.2 | 368 |
| 1,894.65 | 47,399 | 47 | 84 | 3.36 | 4.0 | 355.58 | 3 | 29.5 | 256 |
| 1,007.20 | 23,940 | 22 | 91 | 3.81 | 4.2 | | | | 64 |
| 2,752.91 | 48,902 | 49 | 83 | 4.68 | 5.6 | | | | 194 |
| 1,574.81 | 47,651 | 43 | 92 | 3.05 | 3.3 | 1,107.96 | 1 | 32.9 | 154 |
| 1,990.89 | 44,494 | 44 | 84 | 3.77 | 4.5 | 972.11 | 3 | 27.5 | 196 |
| 5,632.05 | 244,152 | 106 | 192 | 4.43 | 2.3 | 11,529.69 | 13 | 464.2 | 575 |
| 3,234.59 | 112,165 | 81 | 120 | 3.46 | 2.9 | 3,280.63 | 7 | 180.3 | 323 |
| 5,092.62 | 282,206 | 115 | 206 | 3.72 | 1.8 | 4,611.41 | 22 | 249.0 | 584 |
| 681.64 | 12,729 | 23 | 46 | 2.47 | 5.4 | 1,246.19 | 2 | 47.9 | 86 |
| 881.51 | 40,980 | 36 | 95 | 2.04 | 2.1 | 933.36 | 3 | 32.0 | 175 |
| 6,216.20 | 273,522 | 147 | 155 | 3.52 | 2.3 | 5,029.82 | 14 | 279.2 | 629 |
| 1,168.13 | 20,449 | 24 | 71 | 4.06 | 5.7 | 31.62 | 1 | 2.0 | 115 |
| 785.29 | 15,612 | 27 | 48 | 2.42 | 5.0 | 785.73 | 2 | 38.9 | 99 |
| 4,302.25 | 146,860 | 97 | 127 | 3.72 | 2.9 | 5,527.05 | 13 | 240.7 | 463 |
| 4,269.72 | 232,715 | 83 | 233 | 4.28 | 1.8 | 2,963.19 | 10 | 111.7 | 578 |

STATEMENT

Statistics Relating to the Supply of Electric Energy to Consumers
For Domestic Service, for Commercial Light Service

Group III—SMALL TOWNS (less than 2,000 population),

| Municipality | System | Population | Domestic service | | | | | |
|----------------------|--------|------------|------------------|-------------|---------------------|-----------------------------|----------------------|---------------------|
| | | | Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | \$ c. | kw-hr. | | kw-hr. | \$ c. | cents |
| Nipigon..... | T.B. | P.V. | 2,847.93 | 86,943 | 147 | 49 | 1.61 | 3.3 |
| North York Twp..... | Nia. | ..... | 119,894.55 | 6,267,163 | 3,350 | 156 | 2.98 | 1.9 |
| Norwich..... | Nia. | 1,163 | 8,594.84 | 459,340 | 351 | 109 | 2.04 | 1.9 |
| Norwood..... | E.O. | 753 | 4,525.06 | 135,797 | 214 | 53 | 1.76 | 3.3 |
| Oil Springs..... | Nia. | 472 | 1,571.85 | 54,441 | 79 | 57 | 1.66 | 2.9 |
| Omeme..... | E.O. | 588 | 2,592.53 | 68,117 | 140 | 41 | 1.54 | 3.8 |
| Otterville..... | Nia. | P.V. | 2,326.46 | 87,188 | 115 | 63 | 1.69 | 2.7 |
| Paisley..... | G.B. | 752 | 3,762.60 | 83,913 | 182 | 38 | 1.72 | 4.5 |
| Palmerston..... | Nia. | 1,410 | 9,312.57 | 461,488 | 384 | 100 | 2.02 | 2.0 |
| Parkhill..... | Nia. | 979 | 5,346.70 | 112,470 | 248 | 38 | 1.81 | 4.8 |
| Plattsville..... | Nia. | P.V. | 2,606.03 | 62,391 | 96 | 54 | 2.24 | 4.2 |
| Point Edward..... | Nia. | 1,290 | 5,866.98 | 217,012 | 316 | 57 | 1.55 | 2.7 |
| Port Credit..... | Nia. | 1,750 | 13,988.44 | 967,270 | 453 | 179 | 2.59 | 1.4 |
| Port Dalhousie..... | Nia. | 1,408 | 15,183.73 | 1,041,129 | 615 | 141 | 2.05 | 1.5 |
| Port Dover..... | Nia. | 1,606 | 7,617.85 | 314,750 | 529 | 49 | 1.20 | 2.4 |
| Port Elgin..... | G.B. | 1,270 | 7,372.51 | 354,302 | 403 | 73 | 1.52 | 2.1 |
| Port McNicoll..... | G.B. | 935 | 3,200.33 | 115,069 | 209 | 46 | 1.28 | 2.1 |
| Port Perry..... | G.B. | 1,125 | 6,508.26 | 313,317 | 304 | 86 | 1.78 | 2.1 |
| Port Rowan..... | Nia. | 666 | 3,158.19 | 62,443 | 109 | 47 | 2.41 | 5.1 |
| Port Stanley..... | Nia. | 769 | 12,376.21 | 664,078 | 621 | 89 | 1.66 | 1.9 |
| Priceville..... | G.B. | P.V. | 663.91 | 10,844 | 31 | 29 | 1.78 | 6.1 |
| Princeton..... | Nia. | P.V. | 2,144.06 | 70,196 | 78 | 75 | 2.29 | 3.1 |
| Queenston..... | Nia. | P.V. | 3,264.77 | 194,980 | 67 | 242 | 4.06 | 1.7 |
| Richmond..... | E.O. | 420 | 1,803.38 | 41,027 | 59 | 58 | 2.55 | 4.4 |
| Richmond Hill..... | Nia. | 1,234 | 7,456.15 | 487,810 | 334 | 122 | 1.86 | 1.5 |
| Ridgetown..... | Nia. | 1,985 | 9,568.29 | 471,022 | 562 | 70 | 1.42 | 2.0 |
| Ripley..... | G.B. | 454 | 3,171.01 | 62,292 | 120 | 43 | 2.20 | 5.1 |
| Rockwood..... | Nia. | P.V. | 3,257.01 | 140,397 | 155 | 76 | 1.75 | 2.3 |
| Rodney..... | Nia. | 713 | 3,355.45 | 113,653 | 216 | 44 | 1.29 | 3.0 |
| Rosseau..... | G.B. | 305 | 3,270.74 | 47,762 | 62 | 64 | 4.40 | 6.8 |
| Russell..... | E.O. | P.V. | 2,633.67 | 46,501 | 113 | 34 | 1.94 | 5.7 |
| St. Clair Beach..... | Nia. | 148 | 2,140.45 | 75,617 | 45 | 140 | 3.96 | 2.8 |
| St. George..... | Nia. | P.V. | 3,045.01 | 126,162 | 136 | 77 | 1.87 | 2.4 |
| St. Jacobs..... | Nia. | P.V. | 4,211.45 | 200,454 | 120 | 139 | 2.92 | 2.1 |
| Scarboro Twp..... | Nia. | ..... | 100,992.24 | 5,305,757 | 4,653 | 95 | 1.81 | 1.9 |
| Seaforth..... | Nia. | 1,717 | 10,741.71 | 521,499 | 471 | 91 | 1.88 | 2.1 |
| Shelburne..... | G.B. | 1,102 | 5,578.95 | 199,697 | 281 | 59 | 1.66 | 2.8 |
| Southampton..... | G.B. | 1,321 | 7,530.59 | 298,755 | 423 | 59 | 1.48 | 2.5 |
| Springfield..... | Nia. | 386 | 1,803.42 | 56,913 | 97 | 48 | 1.55 | 3.2 |
| Stamford Twp..... | Nia. | ..... | 59,017.71 | 4,331,666 | 1,728 | 208 | 2.84 | 1.4 |

“D”—Continued

in Ontario Municipalities Served by the Commission
and for Power Service during the Year 1936

VILLAGES AND SUBURBAN AREAS

| Commercial Light service | | | | | | Power service | | | Total number of con- sumers |
|--------------------------|-------------|--------------------------------|-----------------------------------|----------------------------|------------------------|---------------|--------------------------------|---------------------------------------|---|
| Revenue | Consumption | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of con- sumers | Average monthly horse- power | |
| \$ c. | kw-hr. | | kw-hr. | \$ c. | cents | \$ c. | | | |
| 2,119.01 | 69,503 | 37 | 157 | 4.77 | 3.0 | 807.81 | 2 | 50.3 | 186 |
| 18,836.85 | 716,982 | 282 | 212 | 5.57 | 2.6 | 34,170.57 | 39 | 1,082.2 | 3,671 |
| 3,900.65 | 171,154 | 90 | 158 | 3.61 | 2.3 | 2,293.73 | 7 | 119.5 | 448 |
| 2,175.37 | 45,875 | 58 | 66 | 3.13 | 4.7 | 703.27 | 2 | 24.5 | 274 |
| 1,448.26 | 46,255 | 31 | 124 | 3.89 | 3.1 | 7,478.58 | 33 | 186.0 | 143 |
| 1,648.46 | 54,086 | 44 | 102 | 3.12 | 3.0 | 2,585.60 | 6 | 105.8 | 190 |
| 1,790.58 | 61,373 | 43 | 119 | 3.47 | 2.9 | 475.64 | 3 | 16.8 | 161 |
| 2,608.32 | 72,483 | 51 | 118 | 4.26 | 3.6 | 1,017.46 | 4 | 32.7 | 237 |
| 4,627.19 | 182,787 | 94 | 162 | 4.10 | 2.5 | 6,433.89 | 14 | 360.4 | 492 |
| 3,448.26 | 87,315 | 74 | 96 | 3.78 | 3.9 | 837.86 | 3 | 19.0 | 325 |
| 1,067.28 | 28,259 | 25 | 94 | 3.55 | 3.8 | 1,067.39 | 1 | 35.3 | 122 |
| 2,024.66 | 57,470 | 50 | 96 | 3.37 | 3.5 | 29,807.50 | 9 | 1,158.0 | 375 |
| 5,509.18 | 312,138 | 81 | 321 | 5.67 | 1.8 | 4,792.94 | 7 | 174.9 | 541 |
| 2,481.65 | 130,900 | 46 | 237 | 4.49 | 1.9 | 6,208.26 | 13 | 306.2 | 674 |
| 4,257.23 | 171,873 | 126 | 114 | 2.81 | 2.5 | 5,332.01 | 13 | 252.0 | 668 |
| 4,323.16 | 176,739 | 100 | 147 | 3.60 | 2.4 | 4,145.30 | 9 | 215.8 | 512 |
| 686.61 | 25,407 | 25 | 84 | 2.29 | 2.7 | | | | 234 |
| 3,120.54 | 88,417 | 75 | 98 | 3.47 | 3.5 | 3,355.22 | 11 | 146.5 | 390 |
| 1,761.05 | 33,847 | 39 | 72 | 3.76 | 5.2 | 69.22 | 1 | 3.5 | 149 |
| 3,849.80 | 149,536 | 100 | 125 | 3.21 | 2.6 | 4,518.99 | 8 | 168.0 | 729 |
| 285.18 | 4,246 | 9 | 39 | 2.64 | 6.7 | | | | 40 |
| 724.91 | 21,116 | 19 | 93 | 3.18 | 3.4 | 2,658.72 | 3 | 81.8 | 102 |
| 966.00 | 42,684 | 11 | 323 | 7.31 | 2.3 | | | | 78 |
| 1,800.79 | 44,344 | 25 | 148 | 6.00 | 4.1 | | | | 84 |
| 3,693.45 | 206,388 | 63 | 273 | 4.88 | 1.8 | 2,227.03 | 16 | 141.8 | 413 |
| 5,794.68 | 268,826 | 140 | 160 | 3.45 | 2.2 | 4,378.72 | 20 | 215.5 | 722 |
| 1,505.39 | 21,815 | 46 | 40 | 2.73 | 6.9 | | | | 166 |
| 1,132.44 | 42,305 | 32 | 110 | 2.95 | 2.7 | 459.08 | 2 | 13.9 | 189 |
| 2,407.71 | 69,707 | 76 | 76 | 2.64 | 3.5 | 2,318.49 | 6 | 91.0 | 298 |
| 846.82 | 11,805 | 21 | 47 | 3.36 | 7.2 | | | | 83 |
| 1,405.60 | 30,176 | 33 | 76 | 3.55 | 4.7 | | | | 146 |
| 2,344.87 | 72,918 | 3 | 2,025 | 65.13 | 3.2 | 81.80 | 1 | 3.3 | 49 |
| 1,413.22 | 47,786 | 36 | 111 | 3.27 | 3.0 | 2,587.47 | 2 | 87.7 | 174 |
| 1,481.09 | 49,493 | 28 | 147 | 4.41 | 3.0 | 3,903.16 | 7 | 156.9 | 155 |
| 20,958.73 | 1,029,893 | 367 | 234 | 4.76 | 2.0 | 24,179.46 | 38 | 946.3 | 5,058 |
| 5,626.59 | 257,678 | 118 | 178 | 3.89 | 2.2 | 5,700.63 | 16 | 278.7 | 605 |
| 3,698.14 | 123,945 | 83 | 124 | 3.71 | 3.0 | 2,779.28 | 14 | 175.8 | 378 |
| 3,022.75 | 97,801 | 78 | 104 | 3.23 | 3.1 | 3,482.42 | 9 | 233.3 | 510 |
| 813.73 | 25,498 | 30 | 71 | 2.26 | 3.2 | 1,420.65 | 3 | 46.9 | 130 |
| 7,741.84 | 484,974 | 126 | 321 | 5.12 | 1.6 | 13,247.51 | 15 | 700.1 | 1,869 |

STATEMENT

**Statistics Relating to the Supply of Electric Energy to Consumers
For Domestic Service, for Commercial Light Service**

Group III—SMALL TOWNS (less than 2,000 population),

| Municipality | System | Popula- tion | Domestic service | | | | | |
|-----------------------------------|--------|-----------------|------------------|-------------|--------------------------------|-----------------------------------|----------------------------|------------------------|
| | | | Revenue | Consumption | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | \$ c. | kw-hr. | | kw-hr. | \$ c. | cents |
| Stayner..... | G.B. | 1,008 | 4,658.16 | 202,956 | 257 | 66 | 1.51 | 2.3 |
| Stirling..... | E.O. | 965 | 5,387.20 | 301,969 | 278 | 91 | 1.61 | 1.8 |
| Stouffville..... | Nia. | 1,149 | 7,074.18 | 258,150 | 369 | 58 | 1.60 | 2.7 |
| Streetsville..... | Nia. | 676 | 5,895.04 | 251,495 | 210 | 100 | 2.34 | 2.3 |
| Sunderland..... | G.B. | P.V. | 2,443.77 | 54,761 | 119 | 38 | 1.71 | 4.5 |
| Sutton..... | Nia. | 804 | 7,926.33 | 234,380 | 407 | 48 | 1.62 | 3.4 |
| Tara..... | G.B. | 509 | 2,762.15 | 79,080 | 135 | 49 | 1.71 | 3.5 |
| Tavistock..... | Nia. | 1,029 | 6,874.53 | 369,354 | 265 | 117 | 2.19 | 1.9 |
| Teeswater..... | G.B. | 837 | 4,393.72 | 93,800 | 204 | 38 | 1.80 | 4.7 |
| Thamesford..... | Nia. | P.V. | 2,667.25 | 134,409 | 126 | 90 | 1.76 | 2.0 |
| Thamesville..... | Nia. | 769 | 3,696.70 | 163,669 | 224 | 61 | 1.38 | 2.3 |
| Thedford..... | Nia. | 583 | 3,003.70 | 59,698 | 130 | 38 | 1.92 | 5.0 |
| Thorndale..... | Nia. | P.V. | 1,582.29 | 40,191 | 69 | 49 | 1.91 | 3.9 |
| Thornton..... | G.B. | P.V. | 1,324.85 | 21,113 | 59 | 30 | 1.87 | 6.3 |
| Tilbury..... | Nia. | 1,975 | 7,272.74 | 332,367 | 440 | 63 | 1.38 | 2.2 |
| Toronto Twp..... | Nia. | | 65,834.51 | 3,778,147 | 2,058 | 153 | 2.66 | 1.7 |
| Tottenham..... | G.B. | 539 | 3,290.03 | 64,102 | 130 | 41 | 2.11 | 5.1 |
| Trafalgar Twp. Area No. 1..... | Nia. | | 14,145.61 | 689,570 | 323 | 178 | 3.65 | 2.1 |
| Trafalgar Twp. Area No. 2..... | Nia. | | 6,296.42 | 244,377 | 158 | 129 | 3.32 | 2.6 |
| Tweed..... | E.O. | 1,276 | 5,873.14 | 138,689 | 275 | 42 | 1.78 | 4.2 |
| Uxbridge..... | G.B. | 1,451 | 8,414.29 | 303,740 | 378 | 67 | 1.86 | 2.8 |
| Victoria Harbor..... | G.B. | 1,077 | 3,091.87 | 85,949 | 191 | 37 | 1.35 | 3.6 |
| Wardsville..... | Nia. | 257 | 1,091.53 | 18,241 | 49 | 31 | 1.86 | 6.0 |
| Warkworth..... | E.O. | P.V. | 2,302.50 | 38,818 | 106 | 31 | 1.81 | 5.9 |
| Waterdown..... | Nia. | 912 | 5,693.23 | 319,780 | 230 | 115 | 2.06 | 1.8 |
| Waterford..... | Nia. | 1,173 | 6,346.32 | 342,595 | 336 | 85 | 1.57 | 1.9 |
| Watford..... | Nia. | 916 | 6,435.98 | 250,658 | 280 | 75 | 1.92 | 2.6 |
| Waubashene..... | G.B. | P.V. | 2,450.52 | 121,380 | 161 | 63 | 1.27 | 2.0 |
| Wellesley..... | Nia. | P.V. | 2,826.73 | 78,699 | 123 | 52 | 1.88 | 3.6 |
| Wellington..... | E.O. | 920 | 5,157.16 | 231,119 | 299 | 64 | 1.44 | 2.2 |
| West Lorne..... | Nia. | 752 | 2,943.88 | 105,597 | 188 | 47 | 1.30 | 2.8 |
| Westport..... | E.O. | 709 | 3,113.90 | 62,801 | 100 | 52 | 2.59 | 5.0 |
| Wheatley..... | Nia. | 723 | 4,236.99 | 124,893 | 178 | 58 | 1.98 | 3.4 |
| Warton..... | G.B. | 1,715 | 8,763.38 | 196,885 | 368 | 45 | 1.98 | 4.4 |
| Williamsburg..... | E.O. | P.V. | 3,722.56 | 234,281 | 118 | 165 | 2.63 | 1.6 |
| Winchester..... | E.O. | 1,057 | 6,744.84 | 357,777 | 284 | 105 | 1.98 | 1.9 |
| Windermere..... | G.B. | 153 | 2,622.56 | 35,269 | 49 | 60 | 4.46 | 7.4 |
| Wingham..... | G.B. | 1,987 | 12,002.35 | 494,472 | 535 | 77 | 1.87 | 2.4 |
| Woodbridge..... | Nia. | 811 | 6,576.86 | 314,339 | 256 | 102 | 2.14 | 2.1 |
| Woodville..... | G.B. | 390 | 2,137.07 | 62,623 | 112 | 47 | 1.59 | 3.4 |
| Wyoming..... | Nia. | 504 | 2,763.38 | 64,256 | 137 | 39 | 1.70 | 4.3 |
| Zurich..... | Nia. | P.V. | 3,091.42 | 81,138 | 121 | 56 | 2.12 | 3.8 |

“D”—Concluded

in Ontario Municipalities Served by the Commission
and for Power Service during the Year 1936

VILLAGES AND SUBURBAN AREAS

| Commercial Light service | | | | | | Power service | | | Total number of con- sumers |
|--------------------------|-------------|--------------------------------|---|-------------------------------------|---------------------------------|---------------|--------------------------------|---------------------------------------|---|
| Revenue | Consumption | Number of con- sumers | Average monthly consumption kw-hr. | Average monthly bill \$ c. | Net cost per kw-hr. cents | Revenue | Number of con- sumers | Average monthly horse- power | |
| \$ c. | kw-hr. | | kw-hr. | \$ c. | cents | \$ c. | | | |
| 3,061.29 | 116,626 | 87 | 112 | 2.92 | 2.6 | 2,430.86 | 10 | 152.3 | 354 |
| 3,531.46 | 136,778 | 86 | 133 | 3.42 | 2.6 | 1,801.56 | 9 | 86.3 | 373 |
| 3,235.80 | 98,817 | 83 | 99 | 3.25 | 3.3 | 946.48 | 5 | 38.9 | 457 |
| ..... | ..... | ..... | ..... | ..... | ..... | 3,576.69 | 4 | 103.7 | 214 |
| 1,728.54 | 43,137 | 46 | 78 | 3.13 | 4.0 | 132.68 | 2 | 8.3 | 167 |
| 3,495.36 | 110,458 | 77 | 120 | 3.78 | 3.2 | 1,106.23 | 3 | 29.2 | 487 |
| 1,638.33 | 52,119 | 37 | 117 | 3.70 | 3.1 | 1,154.75 | 4 | 35.8 | 176 |
| 2,499.63 | 125,761 | 80 | 134 | 2.65 | 2.0 | 9,676.52 | 8 | 364.5 | 353 |
| 2,654.47 | 55,635 | 58 | 80 | 3.81 | 4.8 | 1,412.78 | 6 | 107.4 | 268 |
| 1,427.54 | 67,965 | 41 | 138 | 2.90 | 2.1 | 2,132.63 | 7 | 87.5 | 174 |
| 2,852.59 | 117,356 | 76 | 129 | 3.13 | 2.4 | 1,678.76 | 7 | 73.6 | 307 |
| 1,857.33 | 32,930 | 44 | 63 | 3.56 | 5.7 | 1,364.61 | 3 | 36.5 | 177 |
| 829.96 | 21,097 | 18 | 98 | 3.84 | 3.9 | 224.77 | 1 | 5.4 | 88 |
| 540.59 | 9,303 | 12 | 64 | 3.75 | 7.0 | 318.50 | 2 | 15.8 | 73 |
| 8,596.60 | 417,692 | 138 | 252 | 5.19 | 2.1 | 9,999.99 | 10 | 650.8 | 588 |
| 14,963.36 | 706,541 | 185 | 318 | 6.74 | 2.1 | 10,128.68 | 36 | 456.3 | 2,279 |
| 1,793.45 | 26,309 | 51 | 43 | 2.93 | 6.8 | 555.60 | 7 | 31.1 | 188 |
| 699.83 | 20,680 | 2 | 862 | 29.16 | 3.3 | 756.45 | 9 | 32.3 | 334 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 158 |
| 4,475.02 | 90,500 | 96 | 79 | 3.88 | 4.9 | 2,953.98 | 11 | 109.8 | 382 |
| 3,831.22 | 103,413 | 95 | 91 | 3.36 | 3.7 | 923.07 | 10 | 67.0 | 483 |
| 867.49 | 29,829 | 31 | 80 | 2.33 | 2.9 | 162.24 | 2 | 6.0 | 224 |
| 1,154.84 | 20,738 | 24 | 72 | 4.01 | 5.6 | ..... | ..... | ..... | 73 |
| 1,721.72 | 39,557 | 48 | 69 | 2.99 | 4.4 | ..... | ..... | ..... | 154 |
| 1,746.91 | 94,230 | 34 | 231 | 4.28 | 1.8 | 1,697.37 | 6 | 87.0 | 270 |
| 2,018.38 | 130,970 | 67 | 162 | 2.51 | 1.5 | 4,755.70 | 11 | 245.6 | 414 |
| 3,637.31 | 130,380 | 78 | 139 | 3.89 | 2.8 | 3,308.65 | 5 | 111.0 | 363 |
| 630.45 | 26,950 | 23 | 98 | 2.28 | 2.3 | 181.62 | 3 | 7.5 | 187 |
| 1,498.62 | 37,405 | 48 | 68 | 2.71 | 4.0 | 1,904.90 | 6 | 63.9 | 177 |
| 1,996.76 | 68,661 | 62 | 92 | 2.68 | 2.9 | 2,156.09 | 5 | 76.1 | 366 |
| 1,387.51 | 53,367 | 49 | 91 | 2.36 | 2.6 | 1,659.23 | 5 | 76.5 | 242 |
| 2,901.65 | 55,601 | 55 | 84 | 4.40 | 5.2 | ..... | ..... | ..... | 155 |
| 2,730.36 | 79,028 | 71 | 93 | 3.20 | 3.5 | 2,156.78 | 3 | 72.2 | 252 |
| 6,967.76 | 139,678 | 115 | 101 | 5.05 | 5.0 | 4,575.66 | 16 | 167.0 | 499 |
| 6,156.10 | 338,365 | 60 | 470 | 8.51 | 1.8 | 205.09 | 1 | 13.4 | 179 |
| 3,452.19 | 147,417 | 72 | 171 | 4.00 | 2.3 | 1,435.02 | 3 | 47.6 | 359 |
| 1,083.76 | 18,939 | 14 | 113 | 6.45 | 5.7 | ..... | ..... | ..... | 61 |
| 6,911.13 | 248,229 | 142 | 146 | 4.06 | 2.8 | 10,006.52 | 24 | 379.3 | 701 |
| 1,986.55 | 74,480 | 50 | 124 | 3.31 | 2.7 | 5,711.57 | 7 | 252.2 | 313 |
| 1,227.82 | 28,780 | 32 | 75 | 3.20 | 4.3 | 734.65 | 2 | 36.0 | 146 |
| 1,698.11 | 39,625 | 47 | 70 | 3.01 | 4.3 | 445.38 | 3 | 21.0 | 187 |
| 2,258.38 | 47,380 | 49 | 81 | 3.88 | 4.8 | ..... | ..... | ..... | 170 |

STATEMENT "E"

Cost of Power to Municipalities and Rates to Consumers for Domestic Service—Commercial Light Service—Power Service in Ontario Urban Municipalities Served by The Hydro-Electric Power Commission For the Year 1936

In Statement "E" are presented the rate schedules applicable to consumers for domestic service, for commercial light service and for power service in each of the co-operating municipalities receiving service at cost through The Hydro-Electric Power Commission.* The cost per horsepower of the power supplied at wholesale by the Commission to the municipality, an important factor in determining rates to consumers, is also stated.

Cost of Power to Municipalities

The figures in the first column represent the total cost for the year of the power supplied by the Commission to the municipality, divided by the number of horsepower supplied. Details respecting these costs are given in the "Cost of Power" tables relating to the several systems, as presented in Section IX, and an explanation of the items making up the cost of power is given in the introduction to that Section.

Rates to Consumers

The Power Commission Act stipulates that "The rates chargeable by any municipal corporation generating or receiving and distributing electrical power or energy shall at all times be subject to the approval and control of the Commission." In accordance with the Act and in pursuance of its fundamental principle of providing service at cost, the Commission requires that accurate cost records be kept in each municipality, and exercises a continuous supervision over the rates charged to consumers.

At the commencement of its operations, the Commission introduced scientifically-designed rate schedules for each of the three main classes into which the electrical service is usually divided, namely: residential or domestic service, commercial light service, and power service, and the schedules in use during the past year are presented in the tables of this statement.

*Except townships served as parts of rural power districts, for which consult latter part of Section III.

Domestic Service: Domestic rates apply to electrical service in residences, for all household purposes, including lighting, cooking and the operation of all domestic appliances.

Commercial Light Service: Electrical energy used in stores, offices, churches, schools, public halls and institutions, hotels, public boarding-houses, and in all other premises for commercial purposes, including sign and display lighting, is billed at commercial lighting rates.

Water-Heater Service: For all consumers using continuous electric water heaters, low flat rates are available consisting of a fixed charge per month dependent on the capacity of the heating element and the cost of power to the municipal utility. Such heaters are so connected that the electrical energy they consume is not metered. For new installations the necessary equipment, including heater, thermostat, efficient insulation for water-storage tank, and wiring, is installed by The Hydro-Electric Power Commission of Ontario without capital cost to the consumer or to the municipal electric utility.†

Power Service: The rate schedules given for power service in Statement "E" are those governing the supply of power at retail by each of the local municipal utilities. The average amount of power sold, per consumer, under these rates is approximately 40 horsepower—consult Statement "D". The Commission serves certain large power consumers direct on behalf of the various systems of municipalities.

The rates for power service, as given in the tables, are the rates for 24-hour unrestricted power at secondary distribution voltage. For service at primary distribution voltage the rates are usually five per cent lower than those stated. In municipalities where load conditions and other circumstances permit, lower rates are available for 10-hour power, and for other forms of restricted service. For these classifications, discounts additional to those listed in the table are applicable.

The service charge relates to the connected load or to the maximum demand, as measured by a 10-minute average peak, where a demand meter is installed. The prompt payment discount of 10 per cent on the total monthly bill is given for settlement within 10 days.

Under the tabulation of rates for power service there is a column headed "Basis of rate 130 hours' monthly use of demand." This column shows approximately the net annual amount payable for a demand of one horsepower, assuming a monthly use of 130 hours, which includes 30 hours' use each month at the third energy rate. Broadly, the figures in this column serve to indicate approximately the relative cost of power service in the different municipalities listed.

†In addition, the Commission supplies booster water-heating equipment to furnish extra requirements beyond the capacity of the continuous heater; current for the booster heater is measured and charged for at the regular rates.

STATEMENT

**Cost of Power to Municipalities and Rates to Consumers for
for the Year 1936, in Urban Municipalities**

| Municipality C—City T—Town (pop. 2,000 or more) | Annual cost to the Commission on the works to serve electrical energy to munici- pality on a horse- power basis | Domestic service | | | | | |
|--|---|-----------------------------------|-----------------------------------|----------------------------|------------------------------------|-------------------------------------|-------------------------------|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hrs. per month | Per kw-hr. per month | | | |
| | \$ c. | cents | | cents | cents | \$ c. | % |
| Acton..... | 31.02 | 33-66 | 60 | 2.2 | 1.1 | 0.83 | 10 |
| Agincourt..... | 37.08 | 33-66 | 50 | 3.5 | 1.5 | 1.11 | 10 |
| Ailsa Craig..... | 47.29 | | 60 | 3.5 | 1.2 | 0.83 | 10 |
| Alexandria.....T | 54.74 | 33-66 | 60 | 5 | 2 | 1.11 | 10 |
| Alliston..... | 47.35 | 33-66 | 40 | 4.5 | 2 | .139 | 10 |
| Alvinston..... | 71.84 | 33-66 | 60 | 6 | 2 | 1.94 | 10 |
| Amherstburg.....T | 33.82 | | 60 | 3.6 | 1.3 | 0.83 | 10 |
| Ancaster twp..... | 31.33 | 33-66 | 55 | 3 | 1.5 | 0.83 | 10 |
| Apple Hill..... | 44.13 | 33-66 | 60 | 6 | 2 | 1.66 | 10 |
| Arkona..... | 72.30 | 33-66 | 55 | 6 | 2 | 1.94 | 10 |
| Arthur..... | 63.05 | 33-66 | 40 | 6 | 2 | 1.67 | 10 |
| Athens..... | 44.45 | 33-66 | 50 | 4.5 | 1.5 | 1.11 | 10 |
| Aylmer.....T | 32.61 | | 60 | 2.8 | 1 | 0.83 | 10 |
| Ayr..... | 32.00 | 33-66 | 55 | 3 | 1.25 | 1.11 | 10 |
| Baden..... | 31.46 | 33-66 | 60 | 2.2 | 1.2 | 0.83 | 10 |
| Barrie.....T | 29.83 | | 60 | 3 | 1.1 | 0.83 | 10 |
| Bath..... | 68.83 | 33-66 | 40 | 6 | 2 | 3.33 | 10 |
| Beachville..... | 31.68 | 33-66 | 55 | 3 | 1.5 | 0.83 | 10 |
| Beaverton..... | 37.11 | | 60 | 3 | 1 | 1.11 | 10 |
| Beeton..... | 62.14 | 33-66 | 40 | 6 | 2 | 1.67 | 10 |
| Belle River..... | 36.76 | | 60 | 4 | 1.3 | 1.11 | 10 |
| Belleville.....C | 28.75 | | 55 | 3 | 1 | 0.98 | 15 & 10 |
| Blenheim..... | 36.58 | | 60 | 3 | 1.2 | 0.83 | 10 |
| Bloomfield..... | 47.55 | 33-66 | 50 | 3.6 | 1.5 | 1.11 | 10 |
| Blyth..... | 49.13 | 33-66 | 50 | 3.75 | 1.5 | 1.39 | 10 |
| Bolton..... | 39.28 | 33-66 | 55 | 3.5 | 1.6 | 1.11 | 10 |
| Bothwell..... | 45.60 | | 60 | 3 | 1.1 | 0.83 | 10 |
| Bowmanville.....T | 31.72 | | 60 | 4 | 1.3 | 0.83 | 10 |
| Bradford..... | 51.49 | 33-66 | 35 | 5.3 | 1.5 | 1.67 | 10 |
| Brampton.....T | 29.53 | 33-66 | 60 | 2 | 1 | 0.83 | 10 |
| Brantford.....C | 26.35 | 33-66 | 60 | 2 | 1 | 0.83 | 10 |
| Brantford twp..... | 30.63 | 33-66 | 60 | 2.5 | 1.25 | 1.11 | 10 |
| Brechin..... | 44.74 | 33-66 | 45 | 5 | 1.5 | 1.67 | 10 |
| Bridgeport..... | 32.90 | 33-66 | 50 | 4 | 1.5 | 1.11 | 10 |
| Brigden..... | 60.83 | 33-66 | 60 | 4 | 2 | 1.38 | 10 |
| Brighton..... | 33.10 | | 60 | 4.8 | 1.5 | 1.11 | 10 |
| Brockville.....T | 27.06 | 33-66 | 50 | 2 | 1 | 0.83 | 10 & 10 |
| Brussels..... | 45.94 | | 50 | 4.5 | 2 | 1.66 | 10 |
| Burford..... | 33.62 | | 60 | 3.2 | 1.1 | 1.11 | 10 |
| Burgessville..... | 52.23 | 33-66 | 50 | 5 | 2 | 1.39 | 10 |

NOTE.—Domestic service charge—33 cents per month per service when the permanently installed appliance load is under 2,000 watts and 66 cents per month when over 2,000 watts.

“E”

Domestic Service—Commercial Light Service—Power Service
Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|-------------------------------------|----------------------------|-----------------------------|--------------------------|--|-----------------------------------|------------------------------------|-------------------------------------|----------------------------|---------------------------------------|----------------|--------------------------|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All-addi-tional per kw-hr. | Mini-mum gross monthly bill | Prompt pay-ment discount | Basis of rate 130 hours' monthly use of demand | Service charge per h.p. per month | First 50 hrs. per month per kw-hr. | Second 50 hrs. per month per kw-hr. | All-addi-tional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt pay-ment discount |
| cents | cents | cents | \$ c. | % | \$ c. | \$ c. | cents | cents | cents | \$ c. | % | % |
| 5 | 2.2 | 0.6 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | 10 | | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 3 | 0.75 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 5 | 1 | 1.66 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |
| 5 | 4.5 | 1 | 1.39 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 7.5 | 6 | 1 | 1.94 | 10 | 59.00 | 1.00 | 7.1 | 4.7 | 0.33 | | | 10 |
| 5 | 2.8 | 0.75 | 0.83 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | | | 10 |
| 5 | 3 | 0.75 | 0.83 | 10 | 31.00 | 1.00 | 2.9 | 1.9 | 0.33 | | | 10 |
| 5 | 6 | 1 | 1.66 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | | | 10 |
| 7.5 | 6 | 1 | 1.94 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | | | 10 |
| 5 | 6 | 1 | 1.67 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | | | 10 |
| 5 | 4.5 | 1 | 1.11 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | | | 10 |
| 5 | 2.1 | 0.6 | 0.83 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | | | 10 |
| 5 | 3 | 0.75 | 1.11 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | | | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | 10 | | 10 |
| 5 | 2.2 | 1 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | 25 | | 10 |
| 5 | 6 | 1 | 3.33 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 5 | 3 | 0.75 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | 10 | | 10 |
| 5 | 2 | 1 | 1.11 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 6 | 1 | 1.67 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | | | 10 |
| 5 | 3.2 | 0.75 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 5 | 2.3 | 0.5 | 0.92 | 10 & 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | 25 | | 10 |
| 5 | 2.3 | 0.75 | 0.83 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | | | 10 |
| 5 | 3.6 | 1 | 1.11 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |
| 5 | 3.75 | 1 | 1.39 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | | | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | | | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | | | 10 |
| 5 | 3 | 0.8 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | 10 | | 10 |
| 5 | 5.3 | 1 | 1.67 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | | | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | 25 | | 10 |
| ..... | †3.5 | 0.35 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | 10 | | 10 |
| | ††1.75 | | | | | | | | | | | |
| 5 | 2.5 | 0.75 | 1.11 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | 10 | | 10 |
| 5 | 5 | 1 | 1.67 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |
| 5 | 4 | 0.75 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | | | 10 |
| 5 | 4 | 1 | 1.38 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | | | 10 |
| 5 | 4.4 | 1 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 & 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | 25 | | 10 |
| 5 | 4 | 1 | 1.66 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | | | 10 |
| 5 | 2.2 | 0.75 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 5 | 1 | 1.39 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |

†First 30 hours' use per kw-hr.

††Next 70 hours' use per kw-hr.

STATEMENT

**Cost of Power to Municipalities and Rates to Consumers for
for the Year 1936, in Urban Municipalities**

| Municipality | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|--|--|--------------------------|-----------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hrs. per month | Per kw-hr. per month | | | |
| C—City T—Town (pop. 2,000 or more) | | | | | | | |
| Caledonia..... | \$ c. 29.17 | cents | 60 | cents 3.2 | cents 1.1 | \$ c. 0.83 | % 10 |
| Campbellville..... | 56.27 | 33-66 | 40 | 6 | 2 | 2.22 | 10 |
| Cannington..... | 38.57 | 33-66 | 55 | 3 | 1.5 | 1.11 | 10 |
| Cardinal..... | 29.44 | 33-66 | 50 | 2.5 | 1.25 | 1.11 | 10 |
| Carleton Place.....T | 29.37 | ..... | 55 | 3.5 | 1.3 | 0.83 | 10 |
| Cayuga..... | 46.69 | 33-66 | 45 | 4.5 | 2 | 1.66 | 10 |
| Chatham.....C | 29.71 | ..... | 60 | 3.3 | 1.1 | 0.83 | 10 |
| Chatsworth..... | 44.24 | 33-66 | 45 | 4 | 1.5 | 1.67 | 10 |
| Chesley..... | 33.86 | ..... | 55 | 3 | 1.5 | 1.11 | 10 |
| Chesterville..... | 34.33 | 33-66 | 55 | 3 | 1.5 | 0.83 | 10 |
| Chippawa..... | 24.46 | 33-66 | 60 | 2.5 | 1.25 | 1.11 | 10 |
| Clifford..... | 51.51 | 33-66 | 50 | 4.5 | 2 | 1.39 | 10 |
| Clinton..... | 35.07 | 33-66 | 60 | 2.5 | 1.5 | 1.11 | 10 |
| Cobden..... | 64.89 | 33-66 | 30 | 6 | 2 | 1.95 | 10 |
| Cobourg.....T | 32.23 | ..... | 55 | 3.7 | 1.2 | 0.83 | 10 |
| Colborne..... | 33.87 | ..... | 60 | 5 | 1.5 | 0.83 | 10 |
| Coldwater..... | 32.87 | 33-66 | 55 | 2.5 | 1 | 1.11 | 10 |
| Collingwood..... | 36.41 | 33-66 | 55 | 2.5 | 1 | 0.83 | 10 |
| Comber..... | 43.61 | ..... | 60 | 4.4 | 1.2 | 1.38 | 10 |
| Cookstown..... | 44.73 | 33-66 | 40 | 5.2 | 1.5 | 1.67 | 10 |
| Cottam..... | 41.48 | ..... | 60 | 4.5 | 1.2 | 1.66 | 10 |
| Courtright..... | 72.68 | 33-66 | 50 | 6 | 1.5 | 1.94 | 10 |
| Creemore..... | 49.79 | 33-66 | 45 | 4 | 1.2 | 1.66 | 10 |
| Dashwood..... | 43.90 | 33-66 | 45 | 4.5 | 1.3 | 1.11 | 10 |
| Delaware..... | 35.54 | 33-66 | 50 | 3.5 | 1.3 | 1.11 | 10 |
| Deseronto..... | 45.51 | 33-66 | 50 | 4.5 | 1.5 | 0.83 | 10 |
| Dorchester..... | 37.91 | 33-66 | 60 | 2.5 | 1.4 | 0.83 | 10 |
| Drayton..... | 51.89 | 33-66 | 55 | 3.5 | 1.5 | 1.11 | 10 |
| Dresden..... | 41.29 | ..... | 60 | 3.1 | 1.1 | 1.11 | 10 |
| Drumbo..... | 39.05 | ..... | 60 | 4.5 | 1.3 | 1.11 | 10 |
| Dublin..... | 57.17 | 33-66 | 60 | 6 | 2 | 1.67 | 10 |
| Dundalk..... | 34.40 | 33-66 | 55 | 3 | 1.3 | 1.11 | 10 |
| Dundas.....T | 25.49 | 33-66 | 60 | 2 | 1 | 0.83 | 10 |
| Dunnville.....T | 30.92 | ..... | 60 | 2.7 | 1 | 0.83 | 10 |
| Durham..... | 36.61 | 33-66 | 50 | 2.5 | 1.25 | 0.83 | 10 |
| Dutton..... | 35.20 | ..... | 60 | 2.7 | 1 | 0.83 | 10 |
| East York..... | 31.23 | 33-66 | 60 | 2.2 | 1.2 | 0.83 | 10 |
| Elmira.....T | 31.71 | ..... | 60 | 4.5 | 1.4 | 1.11 | 10 |
| Elmvale..... | 38.13 | ..... | 55 | 3.5 | 1.2 | 0.83 | 10 |
| Elmwood..... | 39.62 | 33-66 | 45 | 5 | 1.5 | 1.39 | 10 |

NOTE.—Domestic service charge—33 cents per month per service when the permanently installed appliance load is under 2,000 watts and 66 cents per month when over 2,000 watts.

“E”—Continued

Domestic Service—Commercial Light Service—Power Service
Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|-------------------------------------|---------------------------|----------------------------|-------------------------|--|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|---------------------------------------|----------------|-------------------------|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand | Service charge per h.p. per month | First 50 hrs. per month per kw-hr. | Second 50 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | \$ c. | % | \$ c. | \$ c. | cents | cents | cents | \$ c. | % | % |
| 5 | 2.2 | 0.75 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 6 | 1 | 2.22 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | | | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 5 | 2.5 | 1 | 1.11 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | Min. 3.33 | | 10 |
| 5 | 2.8 | 1 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | | 10 | 10 |
| 5 | 4.5 | 1 | 1.66 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |
| 5 | 2.5 | 0.8 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | | 10 | 10 |
| 5 | 4 | 1 | 1.67 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | | | 10 |
| 5 | 2.5 | 1 | 1.11 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 3 | 1 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 2.5 | 0.75 | 1.11 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | | | 10 |
| 5 | 4.5 | 1 | 1.39 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | | | 10 |
| 5 | 2.5 | 1 | 1.11 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | | | 10 |
| 5 | 6 | 2 | 2.78 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | Min. 2.78 | | 10 |
| 5 | 3 | 1 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | | 10 | 10 |
| 5 | 4 | 1 | 0.83 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 5 | 2.5 | 1 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | | 10 | 10 |
| 5 | 3.6 | 1 | 1.38 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | | | 10 |
| 5 | 5.2 | 1.5 | 1.67 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | | | 10 |
| 5 | 3.7 | 1 | 1.66 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |
| 7.5 | 6 | 1 | 1.94 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | | | 10 |
| 5 | 4 | 1 | 1.66 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 5 | 4.5 | 1 | 1.11 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | | | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 5 | 4.5 | 1 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | | | 10 |
| 5 | 3.5 | 0.75 | 1.11 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | | | 10 |
| 5 | 2.3 | 0.75 | 1.11 | 10 | 31.00 | 1.00 | 2.9 | 1.9 | 0.33 | | | 10 |
| 5 | 3.4 | 1 | 1.11 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | | | 10 |
| 5 | 6 | 1 | 1.67 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | | | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 2 | 0.6 | 0.83 | 10 | 19.00 | 1.00 | 2 | 1.4 | 0.33 | | 25 | 10 |
| 5 | 2.2 | 0.75 | 0.83 | 10 | 19.00 | 1.00 | 2 | 1.4 | 0.33 | | 25 | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | | 10 | 10 |
| 5 | 2.2 | 0.6 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | | 10 | 10 |
| 5 | 2.2 | 0.6 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | | 10 | 10 |
| 5 | 3.4 | 1 | 1.11 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 5 | 1 | 1.39 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |

STATEMENT

**Cost of Power to Municipalities and Rates to Consumers for
for the Year 1936, in Urban Municipalities**

| Municipality C—City T—Town (pop. 2,000 or more) | Annual cost to the Commission on the works to serve electrical energy to munici- pality on a horse- power basis | Domestic service | | | | | |
|--|---|-----------------------------------|-----------------------------------|----------------------------|------------------------------------|-------------------------------------|-------------------------------|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hrs. per month | Per kw-hr. per month | | | |
| | \$ c. | cents | | cents | cents | \$ c. | % |
| Elora..... | 34.97 | 33-66 | 55 | 3 | 1.5 | 1.11 | 10 |
| Embro..... | 40.72 | ..... | 60 | 3.6 | 1.3 | 1.67 | 10 |
| Erieau..... | 48.30 | 33-66 | 45 | 4.5 | 1.3 | 1.67 | 10 |
| Erie Beach..... | 58.68 | 33-66 | 60 | 6 | 2 | 1.94 | 10 |
| Essex..... | 34.08 | ..... | 60 | 3.1 | 1.1 | 0.83 | 10 |
| Etobicoke Twp..... | 26.97 | 33-66 | 60 | 2.3 | 1.3 | 0.83 | 10 |
| Exeter..... | 36.41 | ..... | 60 | 3.5 | 1.2 | 0.83 | 10 |
| Fergus..... | 32.47 | 33-66 | 55 | 3 | 1.5 | 1.11 | 10 |
| Finch..... | 45.53 | 33-66 | 40 | 3.2 | 1.5 | 1.66 | 10 |
| Flesherton..... | 41.98 | ..... | 55 | 4 | 1.5 | 1.11 | 10 |
| Fonthill..... | 32.22 | 33-66 | 55 | 3 | 1.5 | 1.38 | 10 |
| Forest..... | 44.65 | ..... | 60 | 3.8 | 1.2 | 1.11 | 10 |
| Fort William.....C | 21.94 | ..... | 60 | 2.5 | 1 | 0.83 | 10 |
| Galt.....C | 27.32 | ..... | {50} | 3.3 | 1 | 0.83 | 10 |
| | | | {60} | | | | |
| Gamebridge..... | ..... | 33-66 | 45 | 5 | 1.5 | 1.67 | 10 |
| Georgetown.....T | 33.71 | ..... | 60 | 3.3 | 1.1 | 0.83 | 10 |
| Glencoe..... | 51.40 | ..... | 60 | 4.2 | 1.5 | 1.11 | 10 |
| Glen Williams..... | ..... | 33-66 | 60 | 3 | 1.5 | 0.83 | 10 |
| Goderich.....T | 39.02 | 33-66 | 55 | 3 | 1.5 | 0.83 | 10 |
| Grand Valley..... | 51.08 | 33-66 | 45 | 4.5 | 1.5 | 1.39 | 10 |
| Granton..... | 45.92 | 33-66 | 55 | 3 | 1.3 | 1.11 | 10 |
| Gravenhurst..... | 22.27 | 33-66 | 60 | 2 | 1 | 0.83 | 10 |
| Guelph.....C | 26.94 | 33-33 | 60 | 2 | 1 | 0.83 | 10 & 10 |
| Hagersville..... | 32.04 | 33-66 | 60 | 2 | 1 | 0.83 | 10 |
| Hamilton.....C | 24.28 | ..... | 60 | 3.1 | 1 | 0.83 | 10 |
| Hanover.....T | 30.02 | 33-66 | 55 | 2.5 | 1.5 | 0.83 | 10 |
| Harriston..... | 39.90 | 33-66 | 55 | 3.5 | 1.5 | 1.11 | 10 |
| Harrow..... | 35.74 | ..... | 60 | 3.6 | 1.3 | 0.83 | 10 |
| Hastings..... | 43.03 | 33-66 | 45 | 4.5 | 1.5 | 1.66 | 10 |
| Havelock..... | 47.58 | 33-66 | 50 | 4 | 1.5 | 0.83 | 10 |
| Hensall..... | 45.53 | 33-66 | 55 | 3.5 | 1.3 | 1.11 | 10 |
| Hespeler.....T | 27.54 | ..... | 60 | 3.5 | 1.3 | 0.83 | 10 |
| Highgate..... | 43.70 | ..... | 60 | 4 | 1.5 | 1.11 | 10 |
| Holstein..... | 71.36 | 33-66 | 40 | 6 | 2 | 1.67 | 10 |
| Humberstone..... | 27.66 | ..... | 60 | 3.2 | 1.1 | 0.83 | 10 |
| Huntsville.....T | 26.86 | ..... | 60 | 2.5 | 1 | 0.83 | 10 |
| Ingersoll.....T | 29.50 | 33-66 | 60 | 2 | 1.2 | 0.83 | 10 |
| Jarvis..... | 39.91 | ..... | 50 | 4.3 | 1.25 | 1.11 | 10 |
| Kemptville..... | 35.30 | 33-66 | 55 | 3 | 1.5 | 0.83 | 10 |
| Kincardine.....T | 47.61 | 33-66 | 40 | 4 | 1.7 | 1.11 | 10 |

NOTE.—Domestic service charge—33 cents per month per service when the permanently installed appliance load is under 2,000 watts and 66 cents per month when over 2,000 watts.

“E”—Continued

Domestic Service—Commercial Light Service—Power Service
Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|-------------------------------------|----------------------------|-----------------------------|--------------------------|--|-----------------------------------|------------------------------------|-------------------------------------|----------------------------|---------------------------------------|----------------|--------------------------|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All-addi-tional per kw-hr. | Mini-mum gross monthly bill | Prompt pay-ment discount | Basis of rate 130 hours' monthly use of demand | Service charge per h.p. per month | First 50 hrs. per month per kw-hr. | Second 50 hrs. per month per kw-hr. | All-addi-tional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt pay-ment discount |
| cents | cents | cents | \$ c. | % | \$ c. | \$ c. | cents | cents | cents | \$ c. | % | % |
| 5 | 3 | 0.75 | 1.11 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | ..... | ..... | 10 |
| 5 | 3.1 | 1 | 1.67 | 10 | 39.00 | 1.00 | 4.1 | 2.7 | 0.33 | ..... | ..... | 10 |
| 5 | 4.5 | 1 | 1.67 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | Min. 2.22 | ..... | 10 |
| 5 | 6 | 1.25 | 1.94 | 10 | 60.00 | 1.00 | 7.2 | 4.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | ..... | ..... | 10 |
| 5 | 2.3 | 0.7 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ..... | 10 | 10 |
| 5 | 2.6 | 0.75 | 0.83 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 0.75 | 1.11 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ..... | ..... | 10 |
| 5 | 3.2 | 1 | 1.94 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ..... | ..... | 10 |
| 5 | 3.1 | 1 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 0.75 | 1.38 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | ..... | ..... | 10 |
| 5 | 3.2 | 0.75 | 1.11 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | ..... | ..... | 10 |
| 5 | 2.4 | 0.8 | 0.83 | 10 | 21.00 | 1.00 | 1.6 | 0.9 | 0.1 | ..... | ..... | 10 |
| 5 | 2.5 | 0.6 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | ..... | 10 | 10 |
| 5 | 5 | 1 | 1.67 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2.2 | 0.6 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ..... | 10 | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 0.75 | 0.83 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 0.75 | 0.83 | 10 | 31.00 | 1.00 | 2.9 | 1.9 | 0.33 | ..... | ..... | 10 |
| 5 | 4.5 | 1 | 1.39 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ..... | 25 | 10 |
| 5 | 2 | 0.35 | 0.83 | 10 & 10 | 15.00 | 1.00 | 1.3 | 0.8 | 0.33 | ..... | 25 | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ..... | 10 | 10 |
| ..... | †3.5 | 0.35 | 0.83 | 10 | 17.00 | 1.00 | 1.68 | 1.12 | 0.32 | ..... | 25 | 10 |
| ..... | ††1.75 | | | | | | | | | | | |
| 5 | 2.5 | 1 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ..... | 10 | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2.8 | 1 | 0.83 | 10 | 31.00 | 1.00 | 2.9 | 1.9 | 0.33 | ..... | ..... | 10 |
| 5 | 4.5 | 1 | 1.66 | 10 | 37.00 | 1.00 | 3.8 | 2.5 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 1 | 0.83 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ..... | ..... | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | ..... | ..... | 10 |
| 5 | 2.7 | 0.75 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ..... | 10 | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | ..... | ..... | 10 |
| 5 | 6 | 2 | 1.67 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2.4 | 0.75 | 0.83 | 10 | 29.00 | 1.00 | 2.6 | 1.7 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | ..... | 10 | 10 |
| 5 | 2 | 0.6 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | ..... | 10 | 10 |
| 5 | 3.5 | 0.75 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1 | 0.83 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 1 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ..... | ..... | 10 |

†First 30 hours per kw-hr.
††Next 70 hours per kw-hr.

STATEMENT

**Cost of Power to Municipalities and Rates to Consumers for
for the Year 1936, in Urban Municipalities**

| Municipality | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|--|--|--------------------------|-----------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hrs. per month | Per kw-hr. per month | | | |
| C—City T—Town (pop. 2,000 or more) | | | | | | | |
| Kingston.....C | \$ 24.00—36.00 | cents 33-66 | 50 | cents 2 | cents 1 | \$ c. 0.83 | % 10 & 10 |
| Kingsville.....T | 36.14 | ..... | 60 | 3.4 | 1.1 | 0.83 | 10 |
| Kirkfield..... | 56.24 | 33-66 | 40 | 6 | 2 | 2.22 | 10 |
| Kitchener.....C | 26.72 | ..... | 60 | 2.8 | 1.1 | 0.83 | 10 |
| Lakefield..... | 38.18 | 33-66 | 50 | 3 | 2 | 0.83 | 10 |
| Lambeth..... | 40.98 | ..... | 60 | 3.6 | 1.4 | 1.11 | 10 |
| Lanark..... | 40.43 | 33-66 | 50 | 4 | 1.5 | 0.83 | 10 |
| Lancaster..... | 61.10 | 33-66 | 60 | 6 | 2 | 1.66 | 10 |
| La Salle..... | 34.79 | ..... | 60 | 4 | 1.5 | 1.11 | 10 |
| Leamington.....T | 35.79 | ..... | 60 | 3 | 1 | 0.83 | 10 |
| Leaside..... | ..... | *3 | ..... | **2 | 1.5 | 0.83 | 10 |
| Lindsay.....T | 35.27 | ..... | 60 | 3 | 1.5 | 0.83 | 10 |
| Listowel.....T | 34.60 | 33-66 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| London.....C | 25.88 | ..... | 80 | 2.6 | 1 | 0.83 | 10 |
| London Twp..... | 30.59 | ..... | 60 | 3.5 | 1 | 1.11 | 10 |
| Long Branch..... | 28.25 | 33-66 | 60 | 2.3 | 1.3 | 0.83 | 10 |
| Lucan..... | 35.42 | 33-66 | 55 | 3.2 | 1.3 | 1.11 | 10 |
| Lucknow..... | 51.48 | 33-66 | 45 | 4.2 | 1.5 | 1.67 | 10 |
| Lynden..... | 34.62 | 33-66 | 55 | 3.5 | 1.5 | 1.38 | 10 |
| Madoc..... | 42.28 | 33-66 | 50 | 3 | 1.5 | 0.83 | 10 |
| Markdale..... | 34.24 | ..... | 55 | 3.5 | 1.2 | 1.11 | 10 |
| Markham..... | 35.45 | 33-66 | 55 | 3.3 | 1.3 | 1.11 | 10 |
| Marmora..... | 42.08 | ..... | 60 | 5 | 1.5 | 1.11 | 10 |
| Martintown..... | 43.85 | 33-66 | 40 | 4.5 | 1.5 | 1.66 | 10 |
| Maxville..... | 49.79 | 33-66 | 55 | 6 | 2 | 1.66 | 10 |
| Meaford.....T | 39.13 | 33-66 | 60 | 2.5 | 1.2 | 0.83 | 10 |
| Merlin..... | 40.11 | ..... | 60 | 4.2 | 1.5 | 1.11 | 10 |
| Merritton.....T | 22.87 | 33-66 | 60 | 2 | 1 | 0.83 | 10 |
| Midland.....T | 29.52 | 33-66 | 60 | 2 | 1 | 0.83 | 10 |
| Mildmay..... | 43.41 | ..... | 40 | 4.5 | 1.2 | 1.39 | 10 |
| Milton..... | 32.99 | 33-66 | 55 | 3 | 1.5 | 0.83 | 10 |
| Milverton..... | 34.96 | 33-66 | 60 | 3 | 1.5 | 1.11 | 10 |
| Mimico.....T | 25.74 | 33-66 | 60 | 2.4 | 1.2 | 0.83 | 10 |
| Mitchell..... | 32.10 | 33-33 | 60 | 2.5 | 1.5 | 0.83 | 10 |
| Moorefield..... | 57.52 | 33-66 | 50 | 4.5 | 2 | 1.39 | 10 |
| Mount Brydges..... | 38.70 | ..... | 60 | 3.4 | 1.3 | 1.11 | 10 |
| Mount Forest..... | 38.87 | 33-66 | 60 | 2.25 | 1.25 | 0.83 | 10 |
| Napanee.....T | 31.08 | ..... | 50 | 4.3 | 1.5 | 0.83 | 10 |
| Neustadt..... | 59.06 | 33-66 | 60 | 6 | 2 | 1.67 | 10 |
| Newbury..... | 49.47 | 33-66 | 45 | 5 | 1.5 | 1.38 | 10 |

NOTE.—Domestic service charge—33 cents per month per service when the permanently installed appliance load is under 2,000 watts and 66 cents per month when over 2,000 watts.

*Service charge per 100 sq. ft.

**Per kw-hr. for first 3 kw-hrs. per 100 sq. ft.

“E”—Continued

Domestic Service—Commercial Light Service—Power Service
Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|-------------------------------------|---------------------------|----------------------------|-------------------------|--|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|---------------------------------------|----------------|-------------------------|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand | Service charge per h.p. per month | First 50 hrs. per month per kw-hr. | Second 50 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | \$ c. | % | \$ c. | \$ c. | cents | cents | cents | \$ c. | % | % |
| 5 | 2 | 0.75 | 0.83 | 10 & 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ..... | 25 | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 31.00 | 1.00 | 2.9 | 1.9 | 0.33 | ..... | ..... | 10 |
| 5 | 6 | 1 | 2.22 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 | 19.00 | 1.00 | 2 | 1.4 | 0.33 | ..... | 25 | 10 |
| 5 | 3 | 1 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ..... | 10 | 10 |
| 5 | 3.3 | 1 | 1.11 | 10 | 34.00 | 1.00 | 3.4 | 2.2 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 1 | 0.83 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ..... | ..... | 10 |
| 5 | 6 | 1 | 2.22 | 10 | 69.00 | 1.00 | 8.6 | 5.7 | 0.33 | ..... | ..... | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | ..... | ..... | 10 |
| 5 | 2.3 | 0.75 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | ..... | ..... | 10 |
| ..... | ‡4 & 2 | 1 | 0.83 | 10 | 23.28 | 1.00 | 1.8 | 1.1 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | ..... | 10 | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ..... | 10 | 10 |
| 5 | 2 | 0.5 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ..... | 25 | 10 |
| 5 | 2.8 | 0.75 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ..... | ..... | 10 |
| 5 | 2.3 | 0.7 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ..... | 10 | 10 |
| 5 | 3.2 | 0.75 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | ..... | 10 |
| 5 | 4.2 | 1 | 1.67 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | ..... | ..... | 10 |
| 5 | 3.5 | 1.5 | 0.83 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1 | 0.83 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ..... | ..... | 10 |
| 5 | 3.3 | 1 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ..... | ..... | 10 |
| 5 | 4.5 | 1 | 1.11 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ..... | ..... | 10 |
| 5 | 4.5 | 1 | 2.22 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ..... | ..... | 10 |
| 5 | 6 | 1 | 1.94 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 0.8 | 0.83 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | ..... | ..... | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 37.00 | 1.00 | 3.8 | 2.5 | 0.33 | Min. 2.22 | ..... | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ..... | 25 | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | ..... | 25 | 10 |
| 5 | 3.5 | 1 | 1.39 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 0.75 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ..... | 10 | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ..... | ..... | 10 |
| 5 | 2.4 | 0.6 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ..... | 10 | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ..... | ..... | 10 |
| 5 | 4.5 | 1 | 1.39 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ..... | ..... | 10 |
| 5 | 2.8 | 0.75 | 1.11 | 10 | 34.00 | 1.00 | 3.4 | 2.2 | 0.33 | ..... | ..... | 10 |
| 5 | 2.25 | 1 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | ..... | 10 |
| 5 | 3.3 | 0.75 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ..... | 10 | 10 |
| 5 | 6 | 1 | 1.67 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ..... | ..... | 10 |
| 5 | 5 | 1 | 1.38 | 10 | 51.00 | 1.00 | 5.9 | 3.9 | 0.33 | ..... | ..... | 10 |

‡First 70 hours' use 4 cents per kw-hr.
Next 70 hours' use 2 cents per kw-hr.

STATEMENT

**Cost of Power to Municipalities and Rates to Consumers for
for the Year 1936, in Urban Municipalities**

| Municipality | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|--|--|--------------------------|-----------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hrs. per month | Per kw-hr. per month | | | |
| C—City T—Town (pop. 2,000 or more) | | | | | | | |
| | \$ c. | cents | | cents | cents | \$ c. | % |
| New Hamburg..... | 32. 18 | | 60 | 3. 8 | 1. 4 | 0. 83 | 10 |
| New Toronto.....T | 28. 18 | 33-66 | 60 | 2 | 1. 1 | 0. 83 | 10 |
| Niagara Falls.....C | 21. 33 | | 60 | 3 | 1 | 0. 83 | 10 |
| Niagara-on-the-Lake.... | 25. 39 | 33-66 | 60 | 2. 5 | 1. 25 | 0. 83 to | |
| | | | | | | 1. 11 | 10 |
| Nipigon Twp..... | 27. 18 | | 55 | 4. 2 | 1 | 1. 39 | 10 |
| North York Twp..... | 31. 10 | 33-66 | 55 | 3. 5 | 1. 5 | 1. 11 | 10 |
| Norwich..... | 33. 50 | 33-66 | 60 | 2. 5 | 1. 25 | 0. 83 | 10 |
| Norwood..... | 37. 20 | 33-66 | 50 | 4. 5 | 1. 5 | 1. 11 | 10 |
| Oil Springs..... | 40. 59 | | 60 | 3. 5 | 1. 3 | 1. 11 | 10 |
| Omeme..... | | 33-66 | 60 | 4 | 1. 5 | 1. 11 | 10 |
| Orangeville.....T | 41. 62 | | 55 | 3. 6 | 1. 2 | 1. 11 | 10 |
| Oshawa.....C | 31. 63 | | 50 | 4. 5 | 1. 2 | 0. 83 | 10 |
| Ottawa.....C | 14. 21 | 33-66 | { 60 | 2 } | 0. 5 | 0. 83 | 10 |
| | | | { 60 | 1 } | | | |
| Otterville..... | 40. 99 | | 60 | 3. 4 | 1. 2 | 1. 11 | 10 |
| Owen Sound.....C | 29. 49 | | 60 | 2. 5 | 1 | 0. 83 | 10 |
| Paisley..... | 51. 24 | 33-66 | 45 | 4. 6 | 1. 2 | 1. 39 | 10 |
| Palmerston..... | 37. 41 | 33-66 | 60 | 2. 6 | 1. 3 | 1. 11 | 10 |
| Paris.....T | 27. 64 | 33-66 | 60 | 2 | 1 | 0. 83 | 10 |
| Parkhill..... | 55. 14 | 33-66 | 60 | 4. 5 | 2 | 1. 38 | 10 |
| Penetanguishene.....T | 32. 82 | 33-66 | 55 | 3 | 1. 5 | 0. 83 | 10 |
| Perth.....T | 28. 91 | | 55 | 3. 3 | 1 | 0. 83 | 10 |
| Peterborough.....C | 26. 84 | | 55 | 3 | 1. 2 | 0. 83 | 10 |
| Petrolia.....T | 36. 97 | | 60 | 3. 2 | 1. 1 | 0. 83 | 10 |
| Picton.....T | 40. 16 | | 60 | 3. 4 | 1. 25 | 0. 83 | 10 |
| Plattsville..... | 47. 20 | 33-66 | 50 | 4. 5 | 2 | 1. 39 | 10 |
| Point Edward..... | 34. 87 | | 60 | 3. 7 | 1. 3 | 0. 83 | 10 |
| Port Arthur.....C | 21. 32 | | 50 | 2 | 1 | 0. 83 | 10 & 10 |
| Port Colborne.....T | 27. 46 | 33-66 | 60 | 2. 8 | 1. 25 | 0. 83 | 10 |
| Port Credit..... | 31. 92 | 33-66 | 60 | 2. 2 | 1. 2 | 0. 83 | 10 |
| Port Dalhousie..... | 27. 90 | 33-66 | 60 | 2. 2 | 1. 2 | 0. 83 | 10 |
| Port Dover..... | 35. 48 | | 50 | 3. 3 | 1. 1 | 0. 83 | 10 |
| Port Elgin..... | 39. 13 | 33-66 | 40 | 2. 5 | 1. 2 | 1. 11 | 10 |
| Port Hope.....T | 33. 61 | | 60 | 3. 5 | 1. 2 | 0. 83 | 10 |
| Port McNicoll..... | 34. 27 | 33-66 | 50 | 3. 5 | 1. 5 | 0. 83 | 10 |
| Port Perry..... | 42. 89 | | 50 | 4 | 1. 2 | 1. 11 | 10 |
| Port Rowan..... | 46. 83 | 33-66 | 60 | 5 | 2 | 1. 66 | 10 |
| Port Stanley..... | 36. 14 | | 60 | 3. 5 | 1. 2 | 0. 83 | 10 |
| Prescott.....T | 26. 40 | 33-66 | 60 | 2 | 1 | 0. 83 | 10 |
| Preston.....T | 27. 06 | | 60 | 3. 2 | 1 | 0. 83 | 10 |
| Priceville..... | 52. 99 | 33-66 | 60 | 6 | 2 | 1. 67 | 10 |

NOTE.—Domestic service charge—33 cents per month per service when the permanently installed appliance load is under 2,000 watts and 66 cents per month when over 2,000 watts.

“E”—Continued

Domestic Service—Commercial Light Service—Power Service
Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|-------------------------------------|---------------------------|----------------------------|-------------------------|--|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|---------------------------------------|----------------|-------------------------|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand | Service charge per h.p. per month | First 50 hrs. per month per kw-hr. | Second 50 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | \$ c. | % | \$ c. | \$ c. | cents | cents | cents | \$ c. | % | % |
| 5 | 2.8 | 1 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 2 | 0.6 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | | 10 | 10 |
| 5 | 2 | 0.35 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | | 25 | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 3 | 1 | 1.39 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 3.5 | 0.75 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | | | 10 |
| 5 | 4.5 | 1 | 1.11 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | | | 10 |
| 5 | 3.3 | 1 | 1.11 | 10 | 34.00 | 1.00 | 3.4 | 2.2 | 0.33 | | | 10 |
| 5 | 4 | 1 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 2.5 | 1 | 1.11 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 3.5 | 0.8 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | | 10 | 10 |
| ..... | †5 | 0.5 | 0.83 | 10 | 20.00 | 1.00 | 1.8 | 1.2 | 0.15 | | 15 | 10 |
| 5 | †2.2 | | | | | | | | | | | |
| 5 | 3 | 0.75 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | | 25 | 10 |
| 5 | 4.6 | 1 | 1.39 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | | | 10 |
| 5 | 2.6 | 1 | 1.11 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | | 25 | 10 |
| 5 | 4.5 | 1 | 1.38 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | | | 10 |
| 5 | 3 | 1 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | | 10 | 10 |
| 5 | 2.3 | 1 | 0.83 | 10 | 19.00 | 1.00 | 2 | 1.4 | 0.33 | | 25 | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 19.00 | 1.00 | 2 | 1.4 | 0.33 | | 25 | 10 |
| 5 | 2.4 | 0.75 | 0.83 | 10 | 29.00 | 1.00 | 2.6 | 1.7 | 0.33 | | | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | | 10 | 10 |
| 5 | 4.5 | 1 | 1.39 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | | | 10 |
| 5 | 2.8 | 0.75 | 0.83 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | | | 10 |
| 5 | 2 | 0.3 | 0.83 | 10 & 10 | 21.00 | 1.00 | 1.6 | 0.9 | 0.1 | | | 10 |
| 5 | 2.8 | 0.75 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 2.2 | 0.75 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 2.2 | 0.75 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | | 10 | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | | | 10 |
| 5 | 2.5 | 0.8 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 3 | 1 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | | 10 | 10 |
| 5 | 3.5 | 1 | 0.83 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 5 | 3.2 | 1 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 5 | 2 | 1.66 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | | | 10 |
| 5 | 2.8 | 0.75 | 0.83 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | Min. 1.11 | | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | | 10 | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 19.00 | 1.00 | 2 | 1.4 | 0.33 | | 25 | 10 |
| 5 | 6 | 1 | 1.67 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |

†First 30 hours' use per kw-hr.
††Next 70 hours' use per kw-hr.

STATEMENT
Cost of Power to Municipalities and Rates to Consumers for
for the Year 1936, in Urban Municipalities

| Municipality C—City T—Town (pop. 2,000 or more) | Annual cost to the Commission on the works to serve electrical energy to muni- cipality on a horse- power basis | Domestic service | | | | | |
|--|---|-----------------------------------|-----------------------------------|----------------------------|------------------------------------|-------------------------------------|-------------------------------|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hrs. per month | Per kw-hr. per month | | | |
| | \$ c. | cents | | cents | cents | \$ c. | % |
| Princeton..... | 42.90 | 33-66 | 50 | 3.5 | 1.5 | 1.66 | 10 |
| Queenston..... | 27.92 | 33-66 | 55 | 3 | 1.5 | 1.38 | 10 |
| Richmond..... | 52.20 | 33-66 | 35 | 6 | 2 | 1.95 | 10 |
| Richmond Hill..... | 33.01 | 33-66 | 60 | 2 | 1 | 0.83 | 10 |
| Ridgetown..... | 36.49 | ..... | 60 | 2.8 | 1 | 0.83 | 10 |
| Ripley..... | 67.89 | 33-66 | 55 | 6 | 1.5 | 1.67 | 10 |
| Riverside..... T | 33.09 | ..... | 55 | 4.2 | 1.5 | 0.83 | 10 |
| Rockwood..... | 40.40 | 33-66 | 60 | 2.7 | 1.25 | 1.11 | 10 |
| Rodney..... | 48.48 | ..... | 60 | 3.4 | 1.3 | 0.83 | 10 |
| Rousseau..... | 84.00 | 33 | ..... | 7 | 2 | 2.22 | 10 |
| Russell..... | 48.84 | 33-66 | 50 | 5.5 | 2 | 1.39 | 10 |
| St. Catharines..... C | 22.85 | 33-66 | 30-60 | 2 | 1 | 0.83 | 10 |
| St. Clair Beach..... | 39.00 | ..... | 55 | 5.2 | 1.75 | 1.66 | 10 |
| St. George..... | 36.02 | 33-66 | 55 | 3 | 1.25 | 1.11 | 10 |
| St. Jacobs..... | 31.29 | 33-66 | 60 | 3 | 1.5 | 1.11 | 10 |
| St. Marys..... T | 33.51 | ..... | 60 | 4.1 | 1.5 | 1.11 | 10 |
| St. Thomas..... C | 26.87 | ..... | 60 | 2.6 | 1 | 0.83 | 10 |
| Sarnia..... C | 31.82 | ..... | 60 | 3.4 | 1 | 0.83 | 10 |
| Scarboro Twp..... | 29.80 | ..... | 60 | 3.1 | 1.2 | 0.83 | 10 |
| Seaforth..... | 33.30 | 33-66 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Shelburne..... | 39.71 | ..... | 50 | 4.2 | 1.4 | 1.11 | 10 |
| Simcoe..... T | 28.34 | ..... | 60 | 2.7 | 1 | 0.83 | 10 |
| Smiths Falls..... T | 25.69 | ..... | 55 | 3.5 | 1.25 | 0.83 | 10 |
| Southampton..... | 38.89 | 33-66 | 40 | 3 | 1.5 | 1.11 | 10 |
| Springfield..... | 47.35 | 33-66 | 55 | 3.5 | 1.5 | 1.11 | 10 |
| Stamford Twp..... | 21.65 | ..... | 60 | 3.3 | 1.25 | 0.83 | 10 |
| Stayner..... | 36.25 | 33-66 | 55 | 2.5 | 1.25 | 0.83 | 10 |
| Stirling..... | 28.95 | ..... | 50 | 3 | 1.2 | 0.83 | 10 |
| Stouffville..... | 42.70 | 33-66 | 55 | 3 | 1.1 | 1.11 | 10 |
| Stratford..... C | 28.63 | ..... | 60 | 3.4 | 1.25 | 0.83 | 10 |
| Strathroy..... T | 30.99 | ..... | 60 | 3.1 | 1 | 0.83 | 10 |
| Streetsville..... | 35.66 | 33-66 | 50 50 2 | 4 4 2 | 1 | 0.83 | 10 |
| Sunderland..... | 51.13 | 33-66 | 45 | 4.5 | 1.2 | 1.39 | 10 |
| Sutton..... | 47.17 | 33-33 | 50 | 3.8 | 1.8 | 1.11 | 10 |
| Tara..... | 40.19 | 33-66 | 40 | 4 | 1.8 | 1.11 | 10 |
| Tavistock..... | 33.23 | 33-66 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Tecumseh..... T | 36.99 | ..... | 60 | 4.4 | 1.5 | 1.11 | 10 |
| Teeswater..... | 52.76 | 33-66 | 50 | 4.5 | 1.5 | 1.39 | 10 |
| Thamesford..... | 35.52 | 33-66 | 60 | 2.4 | 1 | 1.11 | 10 |
| Thamesville..... | 36.34 | ..... | 60 | 3 | 1.2 | 0.83 | 10 |
| Thedford..... | 62.27 | 33-66 | 50 | 5 | 2 | 1.66 | 10 |
| Thorndale..... | 60.41 | 33-66 | 60 | 4 | 2 | 1.38 | 10 |
| Thornton..... | 54.29 | 33-66 | 60 | 6 | 2 | 1.67 | 10 |
| Thorold..... T | 24.32 | 33-66 | 60 | 2 | 1 | 0.83 | 10 |
| Tilbury..... | 35.98 | ..... | 60 | 2.8 | 1 | 0.83 | 10 |

NOTE.—Domestic service charge—33 cents per month per service when the permanently installed appliance load is under 2,000 watts and 66 cents per month when over 2,000 watts.

¶According to consumers' demand.

“E”—Continued
Domestic Service—Commercial Light Service—Power Service
Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|-------------------------------------|---------------------------|----------------------------|-------------------------|--|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|---------------------------------------|----------------|-------------------------|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand | Service charge per h.p. per month | First 50 hrs. per month per kw-hr. | Second 50 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | \$ c. | % | \$ c. | \$ c. | cents | cents | cents | \$ c. | % | % |
| 5 | 3.5 | 1 | 1.66 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 5 | 3 | 1 | 1.38 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 6 | 1 | 2.22 | 10 | 60.00 | 1.00 | 7.2 | 4.8 | 0.33 | | | 10 |
| 5 | 2 | 0.6 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 2.1 | 0.7 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | | 10 | 10 |
| 5 | 6 | 1 | 1.67 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | | | 10 |
| 5 | 3 | 0.8 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 2.7 | 0.75 | 1.11 | 10 | 42.00 | 1.00 | 4.6 | 3 | 0.33 | | | 10 |
| 5 | 2.9 | 0.75 | 0.83 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | | | 10 |
| 5 | 7 | 2 | 2.22 | 10 | 58.00 | 1.00 | 6.9 | 4.6 | 0.33 | | | 10 |
| 5 | 5 | 1 | 1.94 | 10 | 56.00 | 1.00 | 6.6 | 4.4 | 0.33 | | | 10 |
| ..... | +3.5 | 0.35 | 0.83 | 10 | 17.00 | 1.00 | 1.67 | 1.13 | 0.16 | | 25 | 10 |
| | †1.75 | | | | | | | | | | | |
| 5 | 5 | 1 | 1.66 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |
| 5 | 3 | 0.75 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | | | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | | 10 | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 2 | 0.5 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | | 25 | 10 |
| 5 | 2.4 | 0.6 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | | 10 | 10 |
| 5 | 2.4 | 0.5 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | | 10 | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 29.00 | 1.00 | 2.6 | 1.7 | 0.33 | | | 10 |
| 5 | 2.9 | 1 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | | 10 | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | | 10 | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 42.00 | 1.00 | 4.6 | 3 | 0.33 | | | 10 |
| 5 | 2.25 | 0.6 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | | 25 | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 2.2 | 1 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 5 | 2.3 | 0.75 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 2.4 | 0.6 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| Same | as domestic | | | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 5 | 4.5 | 1 | 1.39 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 5 | 3.8 | 1 | 1.11 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | | | 10 |
| 5 | 4 | 1 | 1.11 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | | | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 3.4 | 0.8 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 4.5 | 1 | 1.39 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |
| 5 | 2.4 | 0.7 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 2.4 | 0.75 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 7.5 | 5 | 1 | 1.66 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | | | 10 |
| 5 | 4 | 1 | 1.38 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | | | 10 |
| 5 | 6 | 1 | 1.67 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | | | 10 |
| 5 | 2 | 0.5 | 0.83 | 10 | 19.00 | 1.00 | 2 | 1.4 | 0.33 | | 25 | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | | 10 | 10 |

†First 30 hours' use per kw-hr.
††Next 70 hours' use per kw-hr.

STATEMENT
Cost of Power to Municipalities and Rates to Consumers for
for the Year 1936, in Urban Municipalities

| Municipality | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|---|--|--------------------------|-----------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hrs. per month | Per kw-hr. per month | | | |
| C—City T—Town (pop. 2,000 or more) | | | | | | | |
| Tillsonburg.....T | \$ c. 31. 81 | cents | 60 | cents 2. 8 | cents 1 | \$ c. 0. 83 | % 10 |
| Toronto.....C | 25. 95 | *3 | .... | **2 | 1 | 0. 83 | 10 |
| Toronto Twp..... | 30. 78 | 33-66 | 55 | 2. 6 | 1. 3 | 1. 11 | 10 |
| Tottenham..... | 78. 25 | 33-66 | 35 | 6 | 2 | 1. 67 | 10 |
| Trafalgar twp., Area 1. | ..... | 55 | 60 | 3. 5 | 2 | 1. 11 | 10 |
| Trafalgar twp., Area 2. | ..... | 44-66 | 55 | 3. 5 | 2 | 1. 38 | 10 |
| Trenton.....T | 24. 81 | ..... | 50 | 3. 5 | 1. 2 | 0. 83 | 10 |
| Tweed..... | 52. 04 | 33-33 | 50 | 4. 5 | 1. 5 | 1. 11 | 10 |
| Uxbridge..... | 44. 39 | ..... | 50 | 4 | 1. 5 | 1. 11 | 10 |
| Victoria Harbour..... | 41. 78 | 33-66 | 55 | 3 | 1. 5 | 1. 11 | 10 |
| Walkerton.....T | 31. 43 | ..... | 50 | 3. 7 | 1. 2 | 1. 11 | 10 |
| Wallaceburg.....T | 35. 14 | ..... | 60 | 3. 1 | 1 | 0. 83 | 10 |
| Wardsville..... | 54. 82 | 33-66 | 50 | 6 | 2 | 1. 66 | 10 |
| Warkworth..... | 41. 19 | ..... | 50 | 5 | 1. 5 | 1. 39 | 10 |
| Waterdown..... | 29. 60 | 33-66 | 60 | 2. 3 | 1. 2 | 0. 83 | 10 |
| Waterford..... | 30. 13 | 33-66 | 60 | 2 | 1 | 0. 83 | 10 |
| Waterloo.....T | 27. 22 | ..... | 60 | 2. 8 | 1. 25 | 0. 83 | 10 |
| Watford..... | 48. 12 | ..... | 55 | 4 | 1. 2 | 1. 11 | 10 |
| Waubashene..... | 34. 34 | ..... | 55 | 3 | 1 | 0. 83 | 10 |
| Welland.....C | 24. 24 | ..... | 60 | 3. 1 | 1. 2 | 0. 83 | 10 |
| Wellesley..... | 45. 84 | ..... | 50 | 5 | 2 | 1. 11 | 10 |
| Wellington..... | 37. 87 | 33-66 | 50 | 2. 5 | 1. 25 | 0. 83 | 10 |
| West Lorne..... | 40. 35 | ..... | 60 | 3. 2 | 1. 1 | 0. 83 | 10 |
| Weston.....T | 25. 97 | ..... | 60 | 3 | 1 | 0. 83 | 10 |
| Westport..... | 59. 50 | 33-66 | 35 | 6 | 2 | 2. 50 | 10 |
| Wheatley..... | 49. 07 | ..... | 60 | 4. 5 | 1. 5 | 1. 39 | 10 |
| Whitby.....T | 31. 64 | ..... | 60 | 3 | 1 | 0. 83 | 10 |
| Warton..... | 54. 18 | 33-66 | 40 | 4. 5 | 1. 8 | 1. 67 | 10 |
| Williamsburg..... | 28. 53 | 33-66 | 60 | 2. 3 | 1 | 1. 11 | 10 |
| Winchester..... | 31. 51 | 33-66 | 60 | 2. 4 | 1. 2 | 0. 83 | 10 |
| Windermere..... | 53. 50 | ¶33 | .... | 8 | 2 | ¶2. 22 | 10 |
| Windsor.....C | 28. 93 | ..... | 60 | 3. 6 | 1. 2 | 0. 83 | 10 |
| Wingham..... | 53. 63 | ..... | 50 | 3. 5 | 1. 3 | 1. 11 | 10 |
| Woodbridge..... | 31. 40 | 33-66 | 55 | 2. 8 | 1. 3 | 0. 83 | 10 |
| Woodstock.....C | 27. 82 | ..... | 60 | 2. 8 | 1 | 0. 83 | 10 |
| Woodville..... | 50. 52 | ..... | 50 | 4. 5 | 1. 2 | 1. 11 | 10 |
| Wyoming..... | 50. 30 | ..... | 60 | 4. 5 | 1. 2 | 1. 38 | 10 |
| York twp. (inc. Swansea and Forest Hill)..... | ..... | 33-66 | 60 | 2 | 1. 3 | 0. 83 | 10 |
| Zurich..... | 54. 81 | 33-66 | 50 | 4. 5 | 1. 5 | 1. 38 | 10 |

NOTE.—Domestic service charge—33 cents per month per service when the permanently installed appliance load is under 2,000 watts and 66 cents per month when over 2,000 watts.

*Service charge per 100 sq. ft.

**Per kw-hr. for first 3 kw-hrs. per 100 sq. ft.

¶According to consumers' demand.

"E"—Concluded

Domestic Service—Commercial Light Service—Power Service
Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|-------------------------------------|---------------------------|----------------------------|-------------------------|--|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|---------------------------------------|----------------|-------------------------|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand | Service charge per h.p. per month | First 50 hrs. per month per kw-hr. | Second 50 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents 5 | cents 2 | cents 0.6 | \$ c. 0.83 | % 10 | \$ c. 23.00 | \$ c. 1.00 | cents 2.1 | cents 1.4 | cents 0.33 | \$ c. | % 10 | % 10 |
| ..... | †4 & 2 | 1 | 0.83 | 10 | ..... | a. D.C. | 2.5 | 1.25 | 0.60 | ..... | ..... | ..... |
| 5 | 2.6 | 0.7 | 1.11 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ..... | 10 | 10 |
| 10 | 6 | 1 | 1.67 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ..... | ..... | 10 |
| ..... | †8 | 1 | 1.11 | 10 | 37.00 | 1.00 | 3.5 | 2.3 | 1 | ..... | ..... | 10 |
| ..... | ††4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 5 | 3.5 | 1.5 | 1.38 | 10 | 38.00 | 1.00 | 3.5 | 2.3 | 1.5 | ..... | ..... | 10 |
| 5 | 3 | 1 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ..... | 10 | 10 |
| 5 | 4.5 | 1 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | ..... | 10 |
| 5 | 3.2 | 1 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 0.7 | 0.83 | 10 | 24.00 | 1.00 | 2.1 | 1.5 | 0.33 | ..... | 10 | 10 |
| 5 | 6 | 1 | 1.66 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 1 | 1.39 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2.3 | 0.75 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ..... | 10 | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | ..... | 10 | 10 |
| 5 | 2.25 | 1 | 0.83 | 10 | 19.00 | 1.00 | 2 | 1.4 | 0.33 | ..... | 25 | 10 |
| 5 | 3.6 | 1 | 1.11 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | ..... | ..... | 10 |
| 5 | 2.2 | 0.6 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ..... | 25 | 10 |
| 5 | 4 | 1 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ..... | 25 | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | ..... | ..... | 10 |
| 5 | 2.8 | 0.75 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 0.6 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ..... | 25 | 10 |
| 5 | 6 | 1 | 2.50 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 1 | 1.39 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 0.6 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ..... | ..... | 10 |
| 5 | 4.5 | 1 | 1.67 | 10 | 43.00 | 1.00 | 4.7 | 3.1 | 0.33 | ..... | ..... | 10 |
| 5 | 2.3 | 1 | 1.11 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | ..... | ..... | 10 |
| 5 | 2.4 | 0.8 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | Min. 2.22 | ..... | 10 |
| 5 | 8 | 2 | 2.22 | 10 | 58.00 | 1.00 | 6.9 | 4.6 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 0.8 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ..... | 10 | 10 |
| 5 | 3 | 0.8 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ..... | ..... | 10 |
| 5 | 2.8 | 1.0 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ..... | 10 | 10 |
| 5 | 2 | 0.5 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | ..... | 25 | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 1 | 1.38 | 10 | 42.00 | 1.00 | 4.6 | 3 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ..... | 10 | 10 |
| 5 | 4.5 | 1 | 1.38 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | Min. 2.77 | ..... | 10 |

†First 30 hours' use per kw-hr.

††Next 70 hours' use per kw-hr.

‡First 70 hours' use 4 cents per kw-hr.

Next 70 hours' use 2 cents per kw-hr.

a. D.C. Service charge \$1.35 per h.p. for first 10 h.p. plus \$1.00 per h.p. for additional h.p.

b. A.C. Service charge \$1.25 per h.p. for first 10 h.p. plus \$1.00 per h.p. for additional h.p.

APPENDIX I

ACTS

CHAPTER 49

An Act to validate certain Contracts entered into by
The Hydro-Electric Power Commission of Ontario
and certain Companies.

Assented to April 9th, 1936.

HIS MAJESTY, by and with the advice and consent of the
Legislative Assembly of the Province of Ontario, enacts as
follows:

1. This Act may be cited as *The Power Contracts Validation Act, 1936.* Short title.

2. The contracts as hereinafter set forth are hereby confirmed Contracts confirmed.
and declared to be legal and valid, such contracts being as follows:

(a) Between The Hydro-Electric Power Commission of Ontario, Maclaren-Quebec Power Company and The James Maclaren Company, Limited, one contract bearing date the 1st day of February, 1936, set out in Schedule "A" hereto;

(b) Between The Hydro-Electric Power Commission of Ontario, Gatineau Power Company and Gatineau Transmission Company, two contracts bearing date the 8th day of February, 1936, set out in Schedule "B" hereto.

3. This Act shall come into force on the day upon which it Commence-
ment of Act.
receives the Royal Assent.

SCHEDULE "A"

BETWEEN THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
MACLAREN-QUEBEC POWER COMPANY

—AND—

THE JAMES MACLAREN COMPANY LIMITED

1. AGREEMENT, 1ST OF FEBRUARY, 1936.

1

This Indenture dated this First day of February, A.D. 1936.

BY AND BETWEEN:

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO,
(hereinafter called the "Commission"),

MACLAREN-QUEBEC POWER COMPANY, a Quebec Corporation,
(hereinafter called the "Power Company"),

—and—

THE JAMES MACLAREN COMPANY, LIMITED, a Dominion Corporation,
(hereinafter called the "Transmission Company").

Whereas the Commission and the Transmission Company heretofore executed an Indenture dated 20th day of December, A.D. 1930, relating to the delivery by the Transmission Company to the Commission of electrical power or energy with a periodicity of Twenty-five (25) cycles per second upon terms set forth in said Indenture;

And whereas the said three parties executed another Indenture dated 14th January, 1931, supplementary to the said power contract of 20th December, 1930, by which the Transmission Company assigned the said power contract to the Power Company, and guaranteed performance thereof by the Power Company;

And whereas the Legislature of the Province of Ontario has declared the said Indentures to be illegal, void and unenforceable as against the Commission;

Now therefore this Indenture witnesseth that for the considerations hereinafter contained the parties hereby covenant, promise and agree as follows:

1. The Power Company covenants and agrees with the Commission and with the Transmission Company:

1. (a) To keep available for delivery and to deliver to the Transmission Company for transmission and delivery to the Commission, when and as required by the Commission, on the conditions herein contained, so long as this agreement shall continue in force, Forty Thousand (40,000) horsepower of electrical power and energy which shall be the "Contract Demand" under this agreement.

1. (b) To maintain in place sufficient equipment in proper and efficient operable condition so as to insure fulfilment at all times of the terms of this agreement:

2. The Transmission Company covenants and agrees with the Commission:

2. (a) To provide and maintain the presently existing Two Hundred and Forty Thousand (240,000) volt single circuit transmission line from the southern boundary of the Power Company's Masson plant to a point in Ontario ten (10) feet within the Interprovincial boundary where the same connects with the transmission line of the Commission. The transmission line of the Transmission Company shall include the existing spare conductor extending from the tower on the Quebec shore over the Ottawa River to a point in Ontario ten feet within the Interprovincial boundary:

2. (b) To receive from the Power Company and to transmit over its transmission line and to deliver to the Commission at said point within the Province of Ontario, the electrical power and energy covered by this agreement:

2. (c) To maintain the aforesaid transmission line in a proper and efficient manner and at least up to the present standard of the transmission line of the Commission used to further transmit such power and energy:

2. (d) To maintain a two wire telephone line between the Power Company's plants and the aforesaid point in Ontario, and to permit the free use of said communication system to the Power Company and to the Commission for the proper control and delivery of the power specified in this agreement:

3. The Commission covenants and agrees with the Power Company and with the Transmission Company:

3. (a) To make monthly payments to the Power Company at the rate of Twelve Dollars and Fifty Cents (\$12.50) per annum per horsepower of Contract Demand determined as provided in Clause 1 (a); the said monthly payments under this paragraph being subject always to adjustment as in this agreement provided:

3. (b) To make all payments to be made by it under this agreement in lawful money of Canada at Toronto:

3. (c) To indemnify the Power Company and the Transmission Company against and reimburse them respectively for any and all taxes, fees and other charges which may at any time be levied, assessed or imposed by the Province of Ontario, or any Authority thereof or thereunder, including any municipality and school authority therein, in respect or by reason of (a) the ownership, operation, maintenance or use of the Ten feet of transmission line in Ontario contemplated by the provisions of Clause 2, or (b) the transmission, sale or delivery of power or energy under this Agreement, or (c) the gross or net income derived therefrom, or (d) the transaction of business involved in the performance of this agreement or the operation of the said part of the said transmission line, whether any such tax, fee or other charge is levied, assessed or imposed upon either the Power Company or the Transmission Company or the property of either of them;

3. (d) To make the said monthly payments to the Power Company on the 20th day of each calendar month for the accrual of the preceding calendar month, the Power Company to render the bill on or before the 10th; provided that if any bill remains unpaid on the 20th of the month in which it is so rendered, the Commission shall thenceforth be in arrears for said payment and all payments in arrears shall bear interest at the rate of Five per cent. (5%) per annum; provided further that if the Commission or the Power Company be entitled to any adjustment in respect of any payment, such adjustment shall be given effect to in the monthly payment falling due next after the determination thereof, and no portion of any monthly payment shall be postponed pending determination of any such adjustment, except if and to the extent that any decision or determination on such adjustment (even though under appeal) shall have held the Commission entitled to the adjustment:

3. (e) At all times to take and use the three-phase power in such manner that the current will be taken approximately equally from the three phases and in no case shall the difference in current between any two phases be greater than Five per cent. (5%); if at any time the difference be greater than Five per cent. (5%), the Commission, upon instructions from the Power Company, shall so adjust its load as to comply with these requirements:

3. (f) At all times to take and use the Contract Demand so as not to exceed the weekly takings as specified in Clause 4 (a):

3. (g) To give to the Power Company from time to time such information as it reasonably can regarding its expected requirements in kilowatt hours from the Power Company, particularly as to any probable reduction in such requirements for any prospective period of light load; the intent of the parties in this clause is, so far as is possible by reasonable co-operation, to provide for the most economical use of the storage waters on the Lievre River watershed:

4. (a) The Commission shall be entitled at all times to an amount of electrical energy which is equivalent to the delivery of the Contract Demand at a weekly load factor of Seventy per cent. (70%), that is to say, that during each week the Commission shall be entitled subject to the provisions of Clause 3 (g), to receive such electrical energy in respect of Contract Demand as it shall require but not in excess of Eighty-eight (88) kilowatt hours for each horsepower of the Contract Demand;

On Sundays and holidays the Commission, if so requested by the Power Company, shall take or be deemed to have taken not less than three kilowatt hours for each horsepower of Contract

Demand. On Saturdays the Commission, if so requested by the Power Company, shall take or be deemed to have taken not less than seven kilowatt hours for each horsepower of Contract Demand:

4. (b) The amount of electrical power or energy delivered by the Power Company at any time when the ratio of the kilowatts to the kilovolt amperes is less than eighty-five per cent. (85%) shall be deemed to be eighty-five per cent. (85%) of the kilovolt amperes:

4. (c) If during any twenty minute period the integrated takings of the Commission exceed the Contract Demand then until the Commission shall have adjusted its load and supply conditions so that the takings of power and energy hereunder will be limited to the Contract Demand, the Power Company, without liability for damages or diminution of the payments specified hereunder, may limit the deliveries of electrical power and energy to an amount not in excess of the Contract Demand and for such purpose may decrease either the voltage or the frequency, or both:

4. (d) The power and energy delivered hereunder shall be alternating three phase with a periodicity of approximately twenty-five cycles per second at a pressure between phase wires of approximately, but not exceeding two hundred and forty thousand (240,000) volts, at the point of delivery to the Commission by the Transmission Company, subject to a reduction of not over fifteen per cent. (15%) from the said voltage from time to time as the Commission may direct; and the equipment and the apparatus installed by the Power Company in its plants shall be suitable to obtain this condition, provided however, that nothing herein shall be construed as obligating the Power Company to operate its apparatus in excess of its rated capacity at normal voltage; the Power Company shall maintain the generator voltage within two per cent. (2%) of the generator voltage corresponding to the voltage directed by the Commission as aforesaid and shall maintain suitable equipment for such purpose:

4. (e) Whenever the Commission shall require, from time to time, the Power Company shall increase or decrease the voltage and frequency of its plant or plants, within safe operating limits of the then existing equipment of such plant or plants to the extent required by the Commission in order to ensure operation satisfactory to the Commission in parallel with other sources of supply. It is understood and agreed that in operation of plants in parallel the control of power factor and power delivery in any generating plant is to a large extent within the control of the operators in that plant and the Power Company agrees, so far as it can do so with its equipment installed, so to operate its plant as to maintain a power factor at its points of measurement to the Commission, and also the delivery of power, within the limits directed by the Commission from time to time, provided that by so doing it shall if and to the extent necessary be relieved from its obligations as to voltage and frequency regulation specified in Clause 4 (d):

4. (f) If the Commission shall take in any week more kilowatt hours than it is entitled under Clause 4 (a) to take in such week, and the Power Company shall not in advance of such excess taking have filed with the Commission a protest as hereinafter provided, then upon notification from the Power Company the Commission will adjust the matter by making a corresponding reduction in its takings in the next following week in which its requirements permit it to do so, and the Commission shall not be subject to any penalty for such excess taking, or for any delay in making good the same. A protest from the Power Company for the purpose of this clause must be based upon a prior excess taking by the Commission and may not cover a period beyond the six months next following such excess taking. After receipt of such protest and during the period covered thereby the Commission shall use its best efforts to limit its weekly taking to the number of kilowatt hours which it is entitled to take under Clause 4 (a), always provided that the Power Company, so far as practicable, regulates the rate of delivery of power and kilowatt hours from time to time as the Commission may direct:

4. (g) For all purposes of this agreement the Power Company shall be considered to have held available for the Commission in each week all the horsepower and kilowatt hours to which the Commission was entitled in that week unless the Power Company fails to have available the power and energy which the Commission asks for, being entitled to the same under the provisions hereof, and unless within fourteen (14) days after the end of that week the Commission shall have given to the Power Company written notice of the fact and approximate amount of the deficiency:

4. (h) Because of the fact that the high voltage circuits mentioned in this agreement are physically connected and operated in parallel with those from other power sources, and because of the magnitude and nature of the system involved, it is necessary that the parties hereto co-operate. The parties hereto shall co-operate in respect of all matters of common interest including plant and equipment design, provided that each of the parties shall have the final decision and be responsible for its respective plant and properties. The parties hereto shall also co-operate in respect of design of control, protective, communication and other such features as necessitate a similar or co-ordinated equipment at the plants of each party. The parties hereto shall from time to time make such commercially reasonable changes in, or additions to the equipment owned by them respectively (other than major equipment) as will best serve the system as a

whole. Neither the Power Company nor the Transmission Company shall be obligated to instal, apparatus for a maximum voltage higher than that available from apparatus which the manufacturers are willing to build and recommend for use on a two hundred and forty thousand (240,000) volt system and in connection with standard two hundred and forty thousand (240,000) volt switching and auxiliary equipment or higher than the Commission provides for in its portion of the two hundred and forty thousand (240,000) volt system. The parties hereto shall exercise all due skill and diligence so as to secure the satisfactory operation as a system of the plant, apparatus and property of the several parties hereto:

The Power Company and the Transmission Company, or either of them, shall if requested by the Commission, replace, rebuild or improve circuit breakers, relays and other apparatus belonging to them respectively for the purpose of enabling the Commission to transmit more power over its own line or for the purpose of improving the operation of its own system; the Commission shall reimburse the Power Company and the Transmission Company for all necessary and reasonable expenditures made by them respectively to effect such replacement, rebuilding or improvement requested by the Commission for any of the purposes aforesaid:

5. (a) The measurement of electrical power and energy under this agreement shall be made by means of suitable polyphase recording demand meters and integrating kilowatt-hour meters provided and installed by the Power Company and the said meters shall be arranged so as to measure and record accurately the said power and energy. Readings from the said kilowatt-hour meters shall be taken daily at the same hour and recorded by the Power Company on forms supplied by the Commission. Records from the said kilowatt-hour meters and the said recording demand meters shall be dated and forwarded promptly by the Power Company to the Commission and such records on file with the Commission shall be available to the Power Company for inspection at all reasonable times:

5. (b) The weekly taking of energy shall be determined from the weekly readings of the said kilowatt-hour meters. The power delivered under this agreement shall be that recorded by the above mentioned polyphase recording demand meters and shall be the greatest integrated demand for any twenty (20) consecutive minutes as determined from coincident readings of the meters used in the measurement of this power, provided that nothing in this clause shall be construed as increasing any obligation of the Power Company under Clause 1, or increasing any obligation of the Commission under Clause 3:

5. (c) The power and energy supplied under this agreement shall be measured at the two hundred and forty thousand (240,000) volt step up transformers at or near the Power Company's Masson generating station and on the generator voltage side thereof and no adjustment of such measurement shall be required, the loss in single step transformation from generator to transmission voltage (approximately two hundred and forty thousand (240,000) volts as above) and transmission at this voltage from the transforming station or stations to the point of delivery having already been considered in the price herein specified:

5. (d) Access to said instruments and transformers belonging to the Power Company shall be free to the Commission at any and all times and the Commission may test such measuring instruments and transformers at any reasonable time, by giving to the Power Company seven (7) days' previous notice in writing, of its desire to test such measuring instruments and the Power Company shall be entitled to have a representative present while such test is being made:

5. (e) Measuring instruments with the necessary current and potential transformers for the measurement of electrical power and energy hereunder shall be provided, installed and maintained by the Power Company;

The Power Company agrees to test each meter installed by it to measure the electrical power and energy contracted for hereunder, at least once in each sixty (60) days. The Commission shall be advised at least five (5) days before the day of the test so it may if it so desires have a representative present to witness and verify such test; If at any time the Commission notifies the Power Company that it believes that such meters or any of them are not within the closest practicable approximation to perfect accuracy, said meter or meters shall be jointly tested within five (5) days of the receipt by the Power Company of the said notice; If any meter shall be found, on regular or special test, to be inaccurate, it shall be properly adjusted and the record of its readings taken since the last prior test and all bills affected shall be corrected; The Power Company shall repair or replace and retest defective meters or measuring equipment within a reasonable time; During any time there is no meter in service it shall be assumed that the power and energy taken is the same as for other days of the same month on which a similar load existed:

5. (f) The Commission may from time to time at its option install duplicate measuring equipment including necessary current and potential transformers at the points of measurement for the purpose of checking the records obtained from the Power Company's measuring equipment or for any other purpose:

5. (g) The Power Company shall be responsible for any damages to property or apparatus furnished by the Commission for the purpose of supplying or measuring power hereunder and installed on the Power Company's property, providing such damage originates from a source external to the said apparatus of the Commission and is not due to defects in the apparatus of the Commission:

5. (h) The kilowatts, kilovolt amperes, kilowatt hours, or any other factor or quantities shall be determined directly or indirectly from the measuring equipment provided for in this Clause 5, and the electrical standards of the University of Toronto, or of the recognized National authority, if there be such generally accepted, shall be used as the final reference as to the accuracy of measuring equipment:

6. Subject to the direction of the Commission, as provided in Clause 4, the maintenance by the Power Company and the Transmission Company of approximately the agreed voltage, at approximately the agreed frequency at the point of delivery to the Commission, together with the ability and readiness of the said Companies to meet the requirements of the Commission under this Agreement, shall constitute the delivery of power and energy involved in this Agreement, provided, however, that the provision in Clause 4 (d) as to 2% regulation of voltage shall apply only at the points of generation:

7. (a) In case the Power Company or the Transmission Company shall, at any time or times, be prevented from delivering, or the Commission from receiving the said power, or any part thereof, by strike, lockout, riot, fire, invasion, explosion, act of God, the King's enemies, or any other similar cause or causes reasonably beyond the control of them or any of them, then to the extent of such prevention, the Power Company and the Transmission Company shall not be bound to deliver such power during such time and the amount of the Contract Demand shall be deemed to be reduced for the purpose of computing the amount of power for which the Commission shall be obligated to pay during the period of such prevention by the amount of power which the Power Company or Transmission Company is prevented from delivering or the Commission is prevented from receiving as the case may be:

Each party shall be prompt and diligent in removing the cause of such interruption (and to this end shall in advance of any such interruption provide a reasonable reserve of spare parts and apparatus), and as soon as the cause of such interruption is removed, the Power Company and the Transmission Company shall without any delay, deliver said power as aforesaid and the Commission shall pay for the same;

7. (b) The Power Company and the Transmission Company respectively shall have the right at reasonable times and when possible after due notice has been given to the Commission to discontinue or reduce to the extent necessary the supply of power to the Commission for the purpose of safeguarding life or property, or for the purpose of making repairs, renewals or replacements to the generating, transforming, or transmitting equipment, but all such interruptions, total or partial, shall be of minimum duration, and when possible arranged for at a time least objectionable to the Commission;

During such interruptions, the Commission shall be released from its obligation to pay for such power as the Commission is entitled to receive and the Power Company or the Transmission Company fails to deliver:

8. One or more representatives or engineers of the Commission designated for this purpose, may, at any reasonable time, during the continuance of this Agreement, have access to the premises of the Power Company and of the Transmission Company for the purpose of inspecting the premises, apparatus, plants, property and electrical and hydraulic records of the said Companies and to take and obtain records therefrom as required: Representatives of the Power Company shall have similar rights in respect of the premises, apparatus, plants, property and electrical and hydraulic records of the Commission pertaining to the operation of this Agreement:

9. The Commission may waive any default under this Agreement but such waiver shall be limited to the particular instance and shall not affect the Commission's rights under this Agreement:

10. In case of the failure of the Power Company or of the Transmission Company in any week to deliver the full amount of electrical energy to which the Commission is entitled under Clause 4 (a) in such week, there shall be a proportionate reduction in the sums payable by the Commission to the Power Company in respect of the Contract Demand for such week; that is, the amount accrued due from the Commission to the Power Company in respect of the Contract Demand during such week shall be reduced by a sum having the same ratio to such accrued amount as the number of kilowatt hours which the Power Company or the Transmission Company fails to deliver as aforesaid bears to eighty-eight (88) times the horsepower of the then Contract Demand; Provided that in respect of any one week the Commission shall be entitled to only one reduction in the amount owing for such week, such reduction being either in respect of energy as provided in this Clause 10 or in respect of power as provided in Clauses 7 (a) and

7 (b) whichever reduction shall be greater; and in addition if such failure of the Power Company or Transmission Company is due to causes within its control (deficiency of stream flow or any of the matters in Clause 7 (a) shall not for the purposes of this clause be deemed to be within the control of the said Companies nor shall interruptions within Clause 7 (b), but financial difficulties and the supply of power or energy to the Transmission Company for any purpose other than the purposes of this Agreement or to any other consumer under contract with the Power Company or the Transmission Company are to be considered within the control of the said Companies), the Power Company shall pay to the Commission, as liquidated damages, a sum equal until October 1st, 1943, to fifty per cent. (50%) of the reduction so made in the sums payable by the Commission to the Power Company, thereafter to one hundred per cent. (100%):

11. The Commission shall be entitled at the termination of this Agreement, or within Thirty days thereafter, to remove from the premises of either of said Companies any and all plant or equipment which may have been installed by the Commission for the supply or measurement of power or energy hereunder:

12. All written notices to be delivered hereunder by any party to any other may be sent by prepaid registered letter to such address or addresses as each party shall from time to time file with the others. The parties agree each to maintain its address on file with the others and in default such address shall in the case of the Power Company and the Transmission Company, be deemed to be the Town of Buckingham, Province of Quebec, and in the case of the Commission the City of Toronto.

13. The electrical power and energy to be kept available for delivery to the Commission and to be delivered the Commission under this Agreement shall be electrical power and energy derived or developed from the water power at Masson and High Falls on the Lievre River which the Power Company represents that it owns in fee simple and this Agreement is made subject only to the conditions as to export of power to the United States lawfully attached by the Government of the Province of Quebec to its approval of the plans and specifications of the works at Masson and High Falls aforesaid:

14. This Agreement shall be binding on the parties hereto upon its execution and shall take effect as of February 1st, 1936, and shall continue in effect until cancelled by written notice delivered by the Power Company to the Commission or by the Commission to the Power Company not less than two (2) full years prior to the termination date therein specified, which termination date shall be January 31st of a year not earlier than 1946:

15. The Power Company and the Commission hereby respectively vest in the Transmission Company all right, title and interest of each of them respectively (if any) in the transmission line of the Transmission Company extending from the point where the Power Company's line connects therewith to the point ten (10) feet on the Ontario side of the boundary between the Provinces of Ontario and Quebec where the said transmission line of the Transmission Company connects with the transmission line of the Commission, including in the case of the Power Company all servitudes, lands and rights and interest therein used for the purposes of the said line of the Transmission Company and in the case of the Commission all rights in the nature of an easement or license necessary to the operation, repair and maintenance of the said line and other necessary incidental rights:

16. This contract shall be construed according to the laws of the Province of Ontario:

17. The Power Company hereby guarantees the due performance by the Transmission Company of all the obligations assumed by the latter Company hereunder:

18. In the event that any Mortgagee, Trustee, Receiver or Liquidator of either the Power Company or the Transmission Company or of any of the property of either of them shall at any time while this agreement is in force take any proceeding or do any act either in Court or out of Court to enforce any security upon any of the property, assets, rights or undertaking of either of said Companies or to disturb or interrupt the possession, use, and enjoyment by the said Companies respectively of any of the said property, assets, rights or undertaking the Commission may, unless such proceeding shall be discontinued, at its option declare this agreement to be determined, and the Commission shall not be deemed to have waived any such option by any postponement of or delay in its election nor otherwise than by an express waiver thereof in writing given by resolution of the Commission:

19. The Power Company and the Transmission Company respectively will promptly pay and discharge as and when due all taxes, license fees, rents and other sums of money in respect of the lands and properties, rights and easements used and employed by them respectively for or in connection with the generation and transmission of electrical power or energy for the purposes of this agreement, and they will respectively at all times observe keep and perform the terms and conditions of all leases, licenses, permits and agreements under which any of said properties, rights, or easements are held or enjoyed by them respectively, and in the even of default the Commission may at the expense of the Power Company make good such default and may reimburse itself for any moneys paid or cost or expense incurred by deducting the amount thereof

from the monthly sums to be paid by the Commission to the Power Company in respect of the delivery of power or energy under this Agreement:

In witness whereof the Parties hereto have caused this Agreement to be executed under their corporate seals, attested by the signatures of their proper officers duly authorized thereto.

WITNESS:

(Sgd.) JOHN T. BLACK

(Sgd.) J. H. COPPING

(Sgd.) JOHN T. BLACK

(Sgd.) J. H. COPPING

MACLAREN-QUEBEC POWER COMPANY,

(Seal)

(Sgd.) ALBERT MACLAREN,
President.

(Sgd.) J. A. BRYANT,
Secretary.

THE JAMES MACLAREN COMPANY, LIMITED,

(Seal)

(Sgd.) ALEXANDER MACLAREN,
Vice-President.

(Sgd.) J. A. BRYANT,
Secretary.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO,

(Seal)

(Sgd.) T. S. LYON,
Chairman.

(Sgd.) A. MURRAY MCCRIMMON,
Secretary and Controller.

SCHEDULE "B"

BETWEEN THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO,
GATINEAU POWER COMPANY

—AND—

GATINEAU TRANSMISSION COMPANY

1. AGREEMENT, 8TH OF FEBRUARY, 1936.
2. AGREEMENT, 8TH OF FEBRUARY, 1936.

—————

1.

This Indenture dated this 8th day of February, A.D. 1936.

BY AND BETWEEN:

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO,
(hereinafter called the "Commission"),

GATINEAU POWER COMPANY, a Quebec Corporation,
(hereinafter called the "Power Company")

—and—

GATINEAU TRANSMISSION COMPANY, a Dominion Corporation
(hereinafter called the "Transmission Company")

Whereas the Commission and the Power Company heretofore executed an Indenture dated 19th day of May, 1926, relating to the delivery by the Power Company to the Commission of electrical power or energy with a periodicity of twenty-five (25) cycles per second upon terms set forth in said Indenture;

And whereas the said parties executed five other Indentures supplementary to the first mentioned Indenture;

And whereas the Legislature of the Province of Ontario has declared the said Indentures to be illegal, void and unenforceable as against the Commission;

Now therefore this Indenture witnesseth that for the considerations hereinafter contained the Parties hereby covenant, promise and agree as follows:

1. The Power Company covenants and agrees with the Commission and with the Transmission Company:

(a) To keep available for delivery to the Transmission Company for transmission and delivery to the Commission so long as this agreement shall continue in force, two hundred and sixty thousand (260,000) horsepower of electrical power and energy on the conditions herein contained;

1. (b) To deliver to the Transmission Company for transmission and delivery to the Commission when and as ordered by the Commission, so long as this agreement shall continue in force, the Contract Demand, as hereinafter defined, of power and energy on the conditions herein contained:

1. (c) To deliver to the Transmission Company for transmission and delivery to the Commission in excess of the Contract Demand, immediately upon notice when and as ordered by the Commission for any of the purposes specified in Clause 4 (f), the Immediate Standby, as hereinafter defined, of power on the conditions herein contained:

1. (d) To deliver to the Transmission Company for transmission and delivery to the Commission, upon one week's notice when and as ordered by the Commission, as an addition to the Contract Demand all or any part of the General Reserve, as hereinafter defined, of power and energy on the conditions herein contained:

1. (e) To maintain in place sufficient equipment in proper and efficient operable condition so as to insure fulfilment at all times of the terms of this agreement:

1. (f) After the Contract Demand shall have reached two hundred and sixty thousand (260,000) horsepower, to deliver to the Transmission Company for transmission and delivery to the Commission whenever required by the Commission, electrical power up to the maximum available overload and spare capacity specified in Clause 4 (h):

1. (g) To use its best efforts to have maintained the existing storage capacity on the Gatineau River and to use its best efforts to have the storage on the said river administered and controlled to the best advantage with a view to the delivery of power and energy in accordance with the provisions of this agreement; and for the purposes aforesaid, duly to make all payments and do all things fully to perform and discharge the Power Company's obligations under its agreements with the Minister of Lands and Forests of the Province of Quebec, relating to the provision maintenance and administration of the said storage; to deliver the full Contract Demand and all the energy required under this agreement at all times when the average weekly stream flow at Chelsea would be at least equal to a normal minimum of ten thousand six hundred (10,600) cubic feet per second as determined by the Quebec Streams Commission with a capacity of one hundred and forty billion (140,000,000,000) cubic feet of storage; at all times when with storage capacity provided to the amount of one hundred and forty billion (140,000,000,000) cubic feet the river would not have provided an average weekly stream flow at Chelsea of ten thousand six hundred (10,600) cubic feet per second, the amount of electrical energy to which the Commission is entitled hereunder shall, during the period of such deficiency, be reduced by the same percentage by which the average weekly stream flow available with storage capacity to the amount of one hundred and forty billion (140,000,000,000) cubic feet would have fallen below the said average weekly rate of ten thousand six hundred (10,600) cubic feet per second:

Provided that the storage mentioned in this subclause shall be the same and shall not be in addition to the storage mentioned in the contract between the Company, the Transmission Company and the Commission of even date herewith covering the delivery of sixty (60) cycle power:

1. (h) That the Transmission Company will fulfill its obligations to the Commission under this agreement:

2. The Transmission Company covenants and agrees with the Commission:

(a) To provide and maintain the two presently existing 220,000 volt single circuit lines from the Power Company's generating plant to a point in Ontario ten (10) feet within the Inter-Provincial boundary where the same connect with the transmission lines of the Commission:

2. (b) To receive from the Power Company and to transmit over its transmission lines and to deliver to the Commission at said point within the Province of Ontario the electrical power and energy covered by this agreement:

2. (c) To maintain the aforesaid transmission lines in a proper and efficient manner and at least up to the present standard of the transmission lines of the Commission used to further transmit such power and energy:

2. (d) To maintain a two wire telephone line between the Power Company's plants and the aforesaid point in Ontario and to permit the free use of said communication system to the Power Company and to the Commission for the proper control and delivery of the power specified in this agreement:

3. The Commission covenants and agrees with the Power Company and with the Transmission Company:

(a) To make monthly payments to the Power Company at the rate of twelve dollars and fifty cents (\$12.50) per annum per horsepower of Contract Demand, determined as provided in Clause 4 (a); the said monthly payments under this paragraph being subject always to adjustment as in this Agreement provided:

3. (b) To make monthly payments to the Power Company at the rate of ten dollars (\$10.00) per annum per horsepower of the Immediate Standby, determined as provided in Clause 4 (b):

3. (c) To make monthly payments to the Power Company at the rate of one dollar and seventy-five cents (\$1.75) per annum per horsepower of the General Reserve, determined as provided in Clause 4 (c);

3. (d) To make all payments to be made by it under this agreement in lawful money of Canada at Toronto;

3. (e) To indemnify the Power Company and the Transmission Company against and reimburse them respectively for any and all taxes, fees and other charges which may at any time be levied, assessed or imposed by the Province of Ontario or any Authority thereof or thereunder, including any municipality and school authority therein, in respect or by reason of (a) the ownership, operation, maintenance or use of the ten feet of transmission lines in Ontario contemplated by the provisions of Clause 2, or (b) the transmission, sale or delivery of power or energy under this Agreement, or (c) the gross or net income derived therefrom, or (d) the transaction of business involved in the performance of this Agreement or the operation of the said part of the said transmission lines, whether any such tax, fee or other charge is levied, assessed or imposed upon either the Power Company or the Transmission Company or the property of either of them;

3. (f) To make the said monthly payments to the Power Company on the 20th day of each calendar month for the accrual of the preceding calendar month, the Power Company to render the bill on or before the 10th; provided that if any bill remains unpaid on the 20th of the month in which it is so rendered, the Commission shall thenceforth be in arrears for said payment and all payments in arrears shall bear interest at the rate of five per cent. (5%) per annum; provided further that if the Commission or the Power Company be entitled to any adjustment in respect of any payment, such adjustment shall be given effect to in the monthly payment falling due next after the determination thereof, and no portion of any monthly payment shall be postponed pending determination of any such adjustment, except if and to the extent that any decision or determination on such adjustment (even though under appeal) shall have held the Commission entitled to the adjustment;

3. (g) At all times to take and use the three-phase power in such manner that the current will be taken approximately equally from the three phases and in no case shall the difference in current between any two phases be greater than five per cent. (5%); if at any time the difference be greater than five per cent. (5%), the Commission, upon instructions from the Power Company, shall so adjust its load as to comply with these requirements;

3. (h) At all times to take and use the Contract Demand and the Immediate Standby so as not to exceed the weekly takings as specified in Clause 4 (d);

3. (i) To give to the Power Company from time to time such information as it reasonably can regarding its expected requirements in kilowatt hours from the Power Company, particularly as to any probable reduction in such requirements for any prospective period of light load; the intent of the parties in this clause is, so far as is possible by reasonable co-operation, to provide for the most economical use of the storage waters on the Gattineau watershed;

3. (j) Until the Contract Demand shall have reached two hundred and sixty thousand (260,000) horsepower, to purchase from the Power Company all power and energy generated in the Province of Quebec and used by the Commission in its Niagara System as now constituted (including frequency changers to serve other systems) except forty thousand (40,000) horsepower from the MacLaren-Quebec Power Company, or its successor, and such power as the Commission may take from the portion of the Chats Falls development located in the Province of Quebec;

4. (a) "Contract Demand" for the purposes of this agreement shall be defined as follows:

For each month up to and including April, 1936, the Contract Demand shall be the greatest amount of electrical power, not less than two hundred and one thousand (201,000) horsepower

nor more than two hundred and sixty thousand (260,000) horsepower, ordered in writing by the Commission as the Contract Demand for that month;

For each month after April, 1936, the Contract Demand shall be the greatest amount of electrical power, not less than one hundred thousand (100,000) horsepower, nor more than two hundred and sixty thousand (260,000) horsepower, which shall then have been ordered in writing by the Commission as the Contract Demand at any time subsequent to the month of April, 1936;

The Contract Demand shall not be increased except upon an order in writing by the Commission;

All increases in the Contract Demand shall decrease the General Reserve, hereinafter defined, by a corresponding amount until such General Reserve shall have been reduced to zero, and thereafter shall decrease the Immediate Standby, as hereinafter defined, by a corresponding amount until such Immediate Standby shall also have been reduced to zero. Thereafter the Contract Demand shall be two hundred and sixty thousand (260,000) horsepower:

4. (b) "Immediate Standby" for the purpose of this agreement shall be thirty-three thousand (33,000) horsepower of electrical power until the Contract Demand shall have reached two hundred and twenty-seven thousand (227,000) horsepower, and thereafter shall be the excess, if any, of two hundred and sixty thousand (260,000) horsepower over the Contract Demand:

4. (c) "General Reserve" for the purposes of this agreement shall be the balance, if any, of the two hundred and sixty thousand (260,000) horsepower of electrical power remaining after deducting the sum of the Contract Demand and the Immediate Standby:

4. (d) The Commission shall be entitled at all times, whether or not it is availing itself of its rights to draw upon the Immediate Standby, to an amount of electrical energy which is equivalent to the delivery of the Contract Demand at a weekly load factor of Seventy (70) per cent., that is to say, that during each week the Commission shall be entitled, subject to the provisions of Clause 3 (i), to receive such electrical energy in respect of Contract Demand and Immediate Standby combined as it shall require but not in excess of eighty-eight (88) kilowatt-hours for each horsepower of the then Contract Demand:

On Sundays and holidays the Commission, if so requested by the Power Company, shall take or be deemed to have taken not less than three kilowatt-hours for each horsepower of Contract Demand. On Saturdays the Commission, if so requested by the Power Company, shall take or be deemed to have taken not less than seven kilowatt-hours for each horsepower of Contract Demand:

4. (e) The amount of electrical power or energy delivered by the Power Company at any time when the ratio of the kilowatts to the kilovolt-amperes is less than eighty-five per cent. (85%) shall be deemed to be eighty-five per cent. (85%) of the kilovolt amperes;

4. (f) In order to avoid or reduce the necessity of the Commission cutting off its load in the event of temporary accidental interruptions of its supply of such short duration as not to justify an increase of its generating capacity or of the Contract Demand hereunder, the Commission may draw upon the Immediate Standby as herein provided;

The Commission shall be entitled, under the provisions of this Clause 4 (f), without increasing thereby the Contract Demand, to delivery of such Immediate Standby power as may be necessary, after use of its own available spare capacity, to replace any contracted supply unavailable for the time being due to any one or more of the causes below mentioned or any part of the product of its own plant, apparatus or equipment temporarily out of service due to accident to equipment or apparatus or to wear and tear or the need for repair or to abnormal ice conditions, or operating at reduced capacity due to one or more of these causes, but not so as to increase thereby, by the addition of Immediate Standby power, the power and energy available from the Commission's plant and equipment and contracted supply as it would have been but for such causes; The Commission shall take all reasonable steps to remove or correct such causes as soon as possible; No such delivery of Immediate Standby power will be used to provide for increased load in the Commission's system by reason of bona fide increase in demand by the Commission's customers; No plant, apparatus or equipment shall be voluntarily taken out of service for purposes of repair in the months of November, December and January unless in case of absolute emergency;

The order of the Commission, provided for in Clause 1 (c) shall state the amount of the Immediate Standby which it requires and the purposes and estimated period for which its use is required;

4. (g) If during any twenty minute period the integrated takings of the Commission exceed the then Contract Demand plus such amount, if any, of the Immediate Standby as the Commission then is taking pursuant to the provisions of Clause 4 (f), then until the Commission shall have adjusted its load and supply conditions so that the takings of power and energy hereunder will be limited to the then Contract Demand plus such amount, if any, of the Immediate Standby as it then is so taking, the Power Company, without liability for damages or diminution of the payments specified hereunder, may limit the deliveries of electrical power and energy to an

amount not in excess of the then Contract Demand plus such amount, if any, of the Immediate Standby as the Commission then is so taking, and for such purpose decreases either the voltage or the frequency, or both, or may cut off any part or all of the power and energy being supplied to the Commission hereunder; If telephone connection through the normal facilities between the Power Company's switching station at Hull and the Commission's station at Leaside can at the time be made, the Power Company shall not, however, so cut off any part or all of the power and energy being supplied to the Commission hereunder until after it has used its best efforts to give fifteen minutes' notice by such telephone connection to an employee of the Commission at said Leaside station;

4. (h) After the Contract Demand shall have reached two hundred and sixty thousand (260,000) horsepower, the Commission may at any time, but at all times so as not to exceed the weekly takings of energy as specified in Clause 4 (d), increase the rate of taking of power to an amount in excess of the Contract Demand, up to the limits of the overload capacity of all the equipment used from time to time by the Power Company exclusively to meet its obligations hereunder, and of all the unused and available capacity of the remaining 25 cycle equipment of the Power Company, including such spare capacity as the Power Company may install in order reasonably to provide for meeting the Power Company's obligations under this Agreement; The Commission shall make no payment to the Transmission Company or to the Power Company for overload or spare capacity so utilized.

4. (i) The power and energy delivered hereunder shall be alternating three phase with a periodicity of approximately twenty-five cycles per second at a pressure between phase wires of approximately, but not exceeding, 230,000 volts, at the point of delivery to the Commission by the Transmission Company, subject to a reduction of not over fifteen per cent. from the said voltage from time to time as the Commission may direct; and the equipment and the apparatus installed by the Power Company in its plants shall be suitable to obtain this condition, provided, however, that nothing herein shall be construed as obligating the Power Company to operate its apparatus in excess of its rated capacity at normal voltage; The Power Company shall maintain the generator voltage within two per cent. (2%) of the generator voltage corresponding to the voltage directed by the Commission as aforesaid and shall maintain suitable equipment for such purpose, provided that if the Commission at any time takes power, as provided for in Clause 4 (h), in excess of the Contract Demand, then the Power Company shall, during such excess taking, maintain the voltage and frequency as aforesaid as nearly as possible with the equipment then installed;

4. (j) Whenever the Commission shall require, from time to time, the Power Company shall increase or decrease the voltage and frequency of its plant or plants, within safe operating limits of the then existing equipment of such plant or plants to the extent required by the Commission in order to ensure operation satisfactory to the Commission in parallel with other sources of supply; It is understood and agreed that in operation of plants in parallel the control of power factor and power delivery in any generating plant is to a large extent within the control of the operators in that plant and the Power Company agrees, so far as it can do so with its equipment installed, to so operate its plant as to maintain a power factor at its points of measurement to the Commission, and also the delivery of power, within the limits directed by the Commission from time to time, provided that by so doing it shall if and to the extent necessary be relieved from its obligations as to voltage and frequency regulation specified in Clause 4 (i);

4. (k) If the Commission shall take in any week more kilowatt hours than it is entitled under Clause 4 (d) to take in such week, and the Power Company shall not in advance of such excess taking have filed with the Commission a protest as hereinafter provided, then upon notification from the Power Company the Commission will adjust the matter by making a corresponding reduction in its takings in the next following week in which its requirements permit it to do so, and the Commission shall not be subject to any penalty for such excess taking, or for any delay in making good the same. A protest from the Power Company for the purpose of this clause must be based upon a prior excess taking by the Commission and may not cover a period beyond the six months next following such excess taking. After receipt of such protest and during the period covered thereby the Commission shall use its best efforts to limit its weekly taking to the number of kilowatt hours which it is entitled to take under Clause 4 (d), always provided that the Power Company, so far as practicable, regulates the rate of delivery of power and kilowatt hours from time to time as the Commission may direct;

4. (l) For all purposes of this agreement the Power Company shall be considered to have held available for the Commission in each week all the horsepower and kilowatt hours to which the Commission was entitled in that week unless the Power Company fails to have available the power and energy which the Commission asks for, being entitled to the same under the provisions hereof, and unless within fourteen (14) days after the end of that week the Commission shall have given to the Power Company written notice of the fact and approximate amount of the deficiency;

4. (m) Because of the fact that the high voltage circuits mentioned in this agreement are physically connected and operated in parallel with those from other power sources, and because of the magnitude and nature of the system involved, it is necessary that the parties hereto

co-operate. The parties hereto shall co-operate in respect of all matters of common interest including plant and equipment design, hydrology and storage, provided that each of the parties shall have the final decision and be responsible for its respective plant and properties. The parties hereto shall also co-operate in respect of design of control, protective, communication and other such features as necessitate a similar or co-ordinated equipment at the plants of each party. The parties hereto shall from time to time make such commercially reasonable changes in, or additions to the equipment owned by them respectively (other than major equipment) as will best serve the system as a whole. Neither the Power Company nor the Transmission Company shall be obligated to install apparatus for a maximum voltage higher than that available from apparatus which the manufacturers are willing to build and recommend for use on a two hundred and twenty thousand (220,000) volt system and in connection with standard two hundred and twenty thousand (220,000) volt switching and auxiliary equipment or higher than the Commission provides for in its portion of the two hundred and twenty thousand (220,000) volt system. The parties hereto shall exercise all due skill and diligence so as to secure the satisfactory operation as a system of the plant, apparatus and property of the several parties hereto;

The Power Company and the Transmission Company, or either of them, shall, if requested by the Commission, replace, rebuild or improve circuit breakers, relays and other apparatus belonging to them respectively for the purpose of enabling the Commission to transmit more power over its own lines or for the purpose of improving the operation of its own system; the Commission shall reimburse the Power Company and the Transmission Company for all necessary and reasonable expenditures made by them respectively to effect such replacement, rebuilding or improvement requested by the Commission for any of the purposes aforesaid;

5. (a) The measurement of electrical power and energy under this Agreement shall be made by means of suitable polyphase recording demand meters and integrating kilowatt-hour meters provided and installed by the Power Company and the said meters shall be arranged so as to measure and record accurately the said power and energy. Readings from the said kilowatt-hour meters shall be taken daily at the same hour and recorded by the Power Company on forms supplied by the Commission. Records from the said kilowatt-hour meters and the said recording demand meters shall be dated and forwarded promptly by the Power Company to the Commission and such records on file with the Commission shall be available to the Power Company for inspection at all reasonable times:

5. (b) The weekly taking of energy shall be determined from the weekly readings of the said kilowatt-hour meters. The power delivered under this Agreement shall be that recorded by the above mentioned polyphase recording demand meters and shall be the greatest integrated demand for any twenty (20) consecutive minutes as determined from coincident readings of the meters used in the measurement of this power, provided that nothing in this clause shall be construed as increasing any obligation of the Power Company under Clause 1, or increasing any obligation of the Commission under Clause 3:

5. (c) The power and energy supplied under this Agreement shall be measured on the generator voltage side of the two hundred and thirty thousand (230,000) volt step-up transformers at Farmer's, Chelsea and/or Paugan and no adjustment of such measurement shall be required, the loss in single step transformation from generator to transmission voltage (approximately 230,000 volts as above) and transmission at this voltage from the transforming station or stations to the point of delivery having already been considered in the price herein specified:

5. (d) Access to said instruments and transformers belonging to the Power Company shall be free to the Commission at any and all times and the Commission may test such measuring instruments and transformers at any reasonable time, by giving to the Power Company seven (7) days' previous notice in writing, of its desire to test such measuring instruments and the Power Company shall be entitled to have a representative present while such test is being made;

5. (e) Measuring instruments with the necessary current and potential transformers for the measurement of electrical power and energy hereunder shall be provided, installed and maintained by the Power Company;

The Power Company agrees to test each meter installed by it to measure the electrical power and energy contracted for hereunder, at least once in each sixty (60) days; The Commission shall be advised at least five (5) days before the day of the test so it may if it so desires have a representative present to witness and verify such test; If at any time the Commission notifies the Power Company that it believes that such meters or any of them are not within the closest practicable approximation to perfect accuracy, said meter or meters shall be jointly tested within five (5) days of the receipt by the Power Company of the said notice; If any meter shall be found, on regular or special test, to be inaccurate, it shall be properly adjusted and the record of its readings taken since the last prior test and all bills affected shall be corrected; The Power Company shall repair or replace and retest defective meters or measuring equipment within a reasonable time; During any time there is no meter in service it shall be assumed that the power and energy taken is the same as for other days of the same month on which a similar load existed;

5. (f) The Commission may from time to time at its option install duplicate measuring equipment including necessary current and potential transformers at the points of measurement for the purpose of checking the records obtained from the Power Company's measuring equipment or for any other purpose;

5. (g) The Power Company shall be responsible for any damages to property or apparatus furnished by the Commission for the purpose of supplying or measuring power hereunder and installed on the Power Company's property, providing such damage originates from a source external to the said apparatus of the Commission and is not due to defects in the apparatus of the Commission;

5. (h) The kilowatts, kilovolt amperes, kilowatt hours, or any other factor or quantities shall be determined directly or indirectly from the measuring equipment provided for in this Clause 5 and University of Toronto electrical standards shall be used as the final reference as to the accuracy of measuring equipment;

6. Subject to the direction of the Commission, as provided in Clause 4, the maintenance by the Power Company and the Transmission Company of approximately the agreed voltage, at approximately the agreed frequency at the point of delivery to the Commission, together with the ability and readiness of the said Companies to meet the requirements of the Commission under this Agreement, shall constitute the delivery of power and energy involved in this Agreement, provided, however, that the provision in Clause 4 (i) as to 2% regulation of voltage shall apply only at the points of generation:

7. (a) In case the Power Company or the Transmission Company shall, at any time, or times, be prevented from delivering, or the Commission from receiving the said power, or any part thereof, by strike, lockout, riot, fire, invasion, explosion, act of God, the King's enemies, or any other similar cause or causes reasonably beyond the control of them or any of them, then to the extent of such prevention, the Power Company and the Transmission Company shall not be bound to deliver such power during such time and the amount of the Contract Demand shall be deemed to be reduced for the purpose of computing the amount of power for which the Commission shall be obligated to pay during the period of such prevention by the amount of power which the Power Company or Transmission Company is prevented from delivering or the Commission is prevented from receiving as the case may be;

Each party shall be prompt and diligent in removing the cause of such interruption (and to this end shall in advance of any such interruption provide a reasonable reserve of spare parts and apparatus), and as soon as the cause of such interruption is removed, the Power Company and the Transmission Company shall without any delay, deliver said power as aforesaid and the Commission shall pay for the same;

7. (b) The Power Company and the Transmission Company respectively shall have the right at reasonable times and when possible after due notice has been given to the Commission to discontinue or reduce to the extent necessary the supply of power to the Commission for the purpose of safeguarding life or property, or for the purpose of making repairs, renewals or replacements to the generating, transforming, or transmitting equipment, but all such interruptions, total or partial, shall be of minimum duration, and when possible arranged for at a time least objectionable to the Commission;

During such interruptions, the Commission shall be released from its obligation to pay for such power as the Commission is entitled to receive and the Power Company or the Transmission Company fails to deliver:

8. One or more representatives or engineers of the Commission designated for this purpose, may, at any reasonable time, during the continuance of this Agreement, have access to the premises of the Power Company and of the Transmission Company for the purpose of inspecting the premises, apparatus, plants, property and electrical and hydraulic records of the said Companies and to take and obtain records therefrom as required: Representatives of the Power Company shall have similar rights in respect of the premises, apparatus, plants, property and electrical and hydraulic records of the Commission pertaining to the operation of this Agreement:

9. The Commission may waive any default under this Agreement but such waiver shall be limited to the particular instance and shall not affect the Commission's rights under this Agreement:

10. In case of the failure of the Power Company or of the Transmission Company in any week to deliver the full amount of electrical energy to which the Commission is entitled under Clause 4 (d) in such week, there shall be a proportionate reduction in the sums payable by the Commission to the Power Company in respect of the Contract Demand for such week; that is, the amount accrued due from the Commission to the Power Company in respect of the Contract Demand during such week shall be reduced by a sum having the same ratio to such accrued amount as the number of kilowatt hours which the Power Company or the Transmission Company fails to deliver as aforesaid bears to eighty-eight (88) times the horsepower of the then Contract Demand: Provided that in respect of any one week the Commission shall be entitled to only

one reduction in the amount owing for such week, such reduction being either in respect of energy as provided in this Clause 10 or in respect of power as provided in Clauses 7 (a) and 7 (b) whichever reduction shall be greater; and in addition if such failure of the Power Company or Transmission Company is due to causes within its control (deficiency of stream flow or any of the matters in Clause 7 (a) shall not for the purposes of this clause be deemed to be within the control of the said Companies nor shall interruptions within Clause 7 (b), but financial difficulties are to be considered within the control of the said Companies), the Power Company shall pay to the Commission, as liquidated damages, a sum equal until October 1st, 1943, to Fifty Per Cent. (50%) of the reduction so made in the sums payable by the Commission to the Power Company, thereafter, to One Hundred Per Cent. (100%):

11. The Commission shall be entitled at the termination of this Agreement, or within Thirty days thereafter, to remove from the premises of either of said Companies any and all plant or equipment which may have been installed by the Commission for the supply or measurement of power or energy hereunder:

12. All written notices to be delivered hereunder by any party to any other may be sent by prepaid registered letter to such address or addresses as each party shall from time to time file with the others. The Parties agree each to maintain its address on file with the others and in default such address shall in the case of the Power Company and the Transmission Company be deemed to be the City of Ottawa and in the case of the Commission the City of Toronto:

13. The Commission agrees to observe strictly all Quebec and other laws affecting the exportation, outside of Canada, of the electric power or energy supplied under this Agreement:

14. This Agreement shall be binding on the Parties hereto upon its execution and shall take effect as of November 1st, 1935 and shall continue in effect until cancelled by written notice delivered by the Power Company to the Commission or by the Commission to the Power Company not less than two full years prior to the termination date therein specified, which date shall be September 30th of a year not earlier than 1945:

15. The Power Company and the Commission hereby respectively vest in the Transmission Company all right, title and interest of each of them respectively (if any) in the transmission lines of the Transmission Company extending from the point where the Power Company's lines connect therewith to the point ten (10) feet on the Ontario side of the boundary between the Provinces of Ontario and Quebec where the said transmission lines of the Transmission Company connect with the transmission lines of the Commission, including in the case of the Power Company all servitudes, lands and rights and interest therein used for the purposes of the said lines of the Transmission Company and in the case of the Commission all rights in the nature of an easement or license necessary to the operation, repair and maintenance of the said lines and other necessary incidental rights:

16. This contract shall be construed according to the laws of the Province of Ontario:

In witness whereof the Parties hereto have caused this Agreement to be executed under their corporate seals and the hands of their duly authorized officers.

SIGNED, SEALED AND DELIVERED

In the presence of

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO.
(Seal)

(Sgd.) T. S. LYON,
Chairman.

(Sgd.) A. MURRAY McCRIMMON,
Secretary.

GATINEAU POWER COMPANY.
(Seal)

(Sgd.) G. GORDON GALE,
President.

(Sgd.) J. R. BINKS,
Secretary.

GATINEAU TRANSMISSION COMPANY.
(Seal)

(Sgd.) J. B. WHITE,
Vice-President.

(Sgd.) J. R. BINKS,
Secretary.

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This Indenture dated the Eighth day of February, A.D. 1936.

BY AND BETWEEN:

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO,
(hereinafter called the "Commission")

GATINEAU POWER COMPANY, a Quebec Corporation,
(hereinafter called the "Power Company")

—and—

GATINEAU TRANSMISSION COMPANY, a Dominion Corporation
(hereinafter called the "Transmission Company")

Whereas the Commission and the Power Company heretofore executed an Indenture dated 28th day of December, 1927, relating to the delivery by the Power Company to the Commission of electrical power or energy with a periodicity of sixty (60) cycles per second upon terms set forth in said Indenture;

And whereas the said parties executed another Indenture supplementary to the first mentioned Indenture;

And whereas the Legislature of the Province of Ontario has declared the said Indentures to be illegal, void and unenforceable as against the Commission;

Now therefore this Indenture witnesseth that for the considerations hereinafter contained the parties hereby covenant, promise and agree as follows:

1. The Power Company covenants and agrees with the Commission and with the Transmission Company:

(a) To keep available for delivery to the Transmission Company for transmission and delivery to the Commission, so long as this agreement shall continue in force, sixty thousand (60,000) horsepower of electrical power and energy on the conditions herein contained;

1. (b) To deliver to the Transmission Company for transmission and delivery to the Commission when and as ordered by the Commission, so long as this agreement shall continue in force, the Contract Demand, as hereinafter defined, of power and energy on the conditions herein contained;

1. (c) To deliver to the Transmission Company for transmission and delivery to the Commission in excess of the Contract Demand, immediately upon notice when and as ordered by the Commission for any of the purposes specified in Clause 4 (f), the Immediate Standby, as hereinafter defined, of power on the conditions herein contained;

1. (d) To deliver to the Transmission Company for transmission and delivery to the Commission, upon one week's notice when and as ordered by the Commission, as an addition to the Contract Demand all or any part of the General Reserve, as hereinafter defined, of power and energy on the conditions herein contained;

1. (e) To maintain in place sufficient equipment in proper and efficient operable condition so as to insure fulfilment at all times of the terms of this agreement;

1. (f) To use its best efforts to have maintained the existing storage capacity on the Gatineau River and to use its best efforts to have the storage on the said river administered and controlled to the best advantage with a view to the delivery of power and energy in accordance with the provisions of this agreement; and for the purposes aforesaid, duly to make all payments and do all things fully to perform and discharge the Power Company's obligations under its agreements with the Minister of Lands and Forests of the Province of Quebec, relating to the provision, maintenance and administration of the said storage; to deliver the full Contract Demand and all the energy required under this agreement at all times when the average weekly stream flow at Chelsea would be at least equal to a normal minimum of ten thousand six hundred (10,600) cubic feet per second as determined by the Quebec Streams Commission with a capacity of one hundred and forty billion (140,000,000,000) cubic feet of storage; at all times when with storage capacity provided to the amount of one hundred and forty billion (140,000,000,000) cubic feet the river would not have provided an average weekly stream flow at Chelsea of ten thousand six hundred (10,600) cubic feet per second, the amount of electrical energy to which the Commission is entitled hereunder shall, during the period of such deficiency, be reduced by the same percentage by which the average weekly stream flow available with storage capacity to the amount of one hundred and forty billion (140,000,000,000) cubic feet would have fallen below the said average weekly rate of ten thousand six hundred (10,600) cubic feet per second:

Provided that the storage mentioned in this clause shall be the same and shall not be in addition to the storage mentioned in the contract between the Company, the Transmission Company and the Commission of even date herewith covering the delivery of twenty-five (25) cycle power:

1. (g) That the Transmission Company will fulfill its obligations to the Commission under this agreement:

2. The Transmission Company covenants and agrees with the Commission:

(a) To provide and maintain the presently existing 110,000 volt double circuit line from the Power Company's switching station at Hull to a point in Ontario ten (10) feet within the Interprovincial boundary where the same connects with the transmission line of the Commission:

2. (b) To receive from the Power Company and to transmit over its transmission line and to deliver to the Commission at said point within the Province of Ontario the electrical power and energy covered by this agreement;

2. (c) To maintain the aforesaid transmission line in a proper and efficient manner and at least up to the present standard of the transmission line of the Commission used to further transmit such power and energy;

2. (d) To maintain a two wire telephone line between the Power Company's switching station at Hull and the point of connection with the telephone lines of the Commission and to permit the free use of said communication system to the Power Company and to the Commission for the proper control and delivery of the power specified in this agreement:

3. The Commission covenants and agrees with the Power Company and with the Transmission Company:

(a) To make monthly payments to the Power Company at the rate of twelve dollars and fifty cents (\$12.50) per annum per horsepower of Contract Demand, determined as provided in Clause 4 (a); the said monthly payments under this paragraph being subject always to adjustments as in this Agreement provided;

3. (b) To make monthly payments to the Power Company at the rate of ten dollars (\$10.00) per annum per horsepower of the Immediate Standby, determined as provided in Clause 4 (b);

3. (c) To make monthly payments to the Power Company at the rate of one dollar and seventy-five cents (\$1.75) per annum per horsepower of the General Reserve, determined as provided in Clause 4 (c);

3. (d) To make all payments to be made by it under this Agreement in lawful money of Canada at Toronto;

3. (e) To indemnify the Power Company and the Transmission Company against and reimburse them respectively for any and all taxes, fees and other charges which may at any time be levied, assessed or imposed by the Province of Ontario or any authority thereof or thereunder, including any municipality and school authority therein, in respect or by reason off (a) the ownership, operation, maintenance or use of the ten feet of transmission line in Ontario contemplated by the provisions of Clause 2, or (b) the transmission, sale or delivery of power or energy under this Agreement, or (c) the gross or net income derived therefrom, or (d) the transaction of business involved in the performance of this Agreement or the operation of the said part of the said transmission line, whether any such tax, fee or other charge is levied, assessed or imposed upon either the Power Company or the Transmission Company or the property of either of them;

3. (f) To make the said monthly payments to the Power Company on the 20th day of each calendar month for the accrual of the preceding calendar month, the Power Company to render the bill on or before the 10th; provided that if any bill remains unpaid on the 20th of the month in which it is so rendered the Commission shall thenceforth be in arrears for said payment and all payments in arrears shall bear interest at the rate of five per cent. (5%) per annum; provided further that if the Commission or the Power Company be entitled to any adjustment in respect of any payment, such adjustment shall be given effect to in the monthly payment falling due next after the determination thereof, and no portion of any monthly payment shall be postponed pending determination of any such adjustment, except if and to the extent that any decision or determination on such adjustment (even though under appeal) shall have held the Commission entitled to the adjustment;

3. (g) At all times to take and use the three-phase power in such manner that the current will be taken approximately equally from the three phases and in no case shall the difference in current between any two phases be greater than five per cent. (5%); If at any time the difference be greater than five per cent. (5%), the Commission, upon instructions from the Power Company, shall so adjust its load as to comply with these requirements;

3. (h) At all times to take and use the Contract Demand and the Immediate Standby so as not to exceed the weekly takings as specified in Clause 4 (d);

3. (i) To give to the Power Company from time to time such information as it reasonably can regarding its expected requirements in kilowatt hours from the Power Company, particularly as to any probable reduction in such requirements for any prospective period of light load; The intent of the parties in this clause is, so far as is possible by reasonable co-operation, to provide for the most economical use of the storage waters on the Gatineau watershed;

3. (j) Until the Contract Demand shall have reached sixty thousand (60,000) horsepower, to purchase from the Power Company all power and energy generated in the Province of Quebec and used by the Commission in its Eastern Ontario System as now constituted or hereafter enlarged (including frequency changers to serve other systems) except such power as the Commission may take from the portion of the Chats Falls development located in the Province of Quebec, and except that in the event of an enlargement of the Eastern Ontario System, the Commission shall be entitled to use in such enlargement any power and energy under contract of purchase by its predecessor in the operation of such enlargement and to continue such use during the period and to the extent for which the Commission is bound to carry out the terms of such contract at the time of the enlargement.

4. (a) "Contract Demand" for the purposes of this Agreement shall be defined as follows:

For each month after October, 1935, the Contract Demand shall be the greatest amount of electrical power, not less than forty-two thousand (42,000) horsepower nor more than sixty thousand (60,000) horsepower, which shall then have been ordered in writing by the Commission as the Contract Demand at any time subsequent to the month of October, 1935;

The Contract Demand shall not be increased except upon an order in writing by the Commission;

All increases in the Contract Demand shall decrease the General Reserve, hereinafter defined, by a corresponding amount until such General Reserve shall have been reduced to zero, and thereafter shall decrease the Immediate Standby, as hereinafter defined, by a corresponding amount until such Immediate Standby shall also have been reduced to zero. Thereafter the Contract Demand shall be sixty thousand (60,000) horsepower:

Notwithstanding the provisions of Clause 1 (d), the Power Company may in the month of December of any year notify the Commission that it will shortly be necessary for the Power Company to add to its plant or equipment and the Power Company shall be under no obligation to deliver any increase in Contract Demand ordered after such notice for delivery in the year beginning with the succeeding April 1st, until eleven months after the receipt by the Power Company of such order:

4. (b) "Immediate Standby" for the purposes of this agreement shall be nine thousand (9,000) horsepower of electrical power until the Contract Demand shall have reached fifty-one thousand (51,000) horsepower, and thereafter shall be the excess, if any, of sixty thousand (60,000) horsepower over the Contract Demand:

4. (c) "General Reserve" for the purposes of this agreement shall be the balance, if any, of the sixty thousand (60,000) horsepower of electrical power remaining after deducting the sum of the Contract Demand and the Immediate Standby:

4. (d) The Commission shall be entitled at all times, whether or not it is availing itself of its rights to draw upon the Immediate Standby, to an amount of electrical energy which is equivalent to the delivery of the Contract Demand at a weekly load factor of Seventy (70) per cent., that is to say, that during each week the Commission shall be entitled, subject to the provisions of Clause 3 (i), to receive such electrical energy in respect of Contract Demand and Immediate Standby combined as it shall require but not in excess of eighty-eight (88) kilowatt-hours for each horsepower of the then Contract Demand:

On Sundays and holidays the Commission, if so requested by the Power Company, shall take or be deemed to have taken not less than three kilowatt-hours for each horsepower of Contract Demand. On Saturdays the Commission, if so requested by the Power Company, shall take or be deemed to have taken not less than seven kilowatt-hours for each horsepower of Contract Demand;

4. (e) The amount of electrical power or energy delivered by the Power Company at any time when the ratio of the kilowatts to the kilovolt-amperes is less than eighty-five per cent. (85%) shall be deemed to be eighty-five per cent. (85%) of the kilovolt-amperes;

4. (f) In order to avoid or reduce the necessity of the Commission cutting off its load in the event of temporary accidental interruptions of its supply of such short duration as not to justify an increase of its generating capacity or of the Contract Demand hereunder, the Commission may draw upon the Immediate Standby as herein provided;

The Commission shall be entitled, under the provisions of this Clause 4 (f), without increasing thereby the Contract Demand, to delivery of such Immediate Standby power as may be necessary, after use of its own available spare capacity, to replace any contracted supply unavailable for the time being due to any one or more of the causes below mentioned or any part of the product

of its own plant, apparatus or equipment temporarily out of service due to accident to equipment or apparatus or to wear and tear or the need for repair or to abnormal ice conditions, or operating at reduced capacity due to one or more of these causes, but not so as to increase thereby, by the addition of Immediate Standby power, the power and energy available from the Commission's plant and equipment and contracted supply as it would have been but for such causes. The Commission shall take all reasonable steps to remove or correct such causes as soon as possible. No such delivery of Immediate Standby power will be used to provide for increased load in the Commission's system by reason of bona fide increase in demand by the Commission's customers. No plant, apparatus or equipment shall be voluntarily taken out of service for purposes of repair in the months of November, December and January unless in case of absolute emergency;

The order of the Commission, provided for in Clause 1 (c) shall state the amount of the Immediate Standby which it requires and the purpose and estimated period for which its use is required;

4. (g) If during any twenty minute period the integrated takings of the Commission exceed the then Contract Demand plus such amount, if any, of the Immediate Standby as the Commission then is taking pursuant to the provisions of Clause 4 (f), then until the Commission shall have adjusted its load and supply conditions so that the takings of power and energy hereunder will be limited to the then Contract Demand plus such amount, if any, of the Immediate Standby as it then is so taking, the Power Company, without liability for damages or diminution of the payments specified hereunder, may limit the deliveries of electrical power and energy to an amount not in excess of the then Contract Demand plus such amount, if any, of the Immediate Standby as the Commission then is so taking, and for such purpose decrease either the voltage or the frequency, or both, or may cut off any part or all of the power and energy being supplied to the Commission hereunder. If telephone connection through the normal facilities between the Power Company's switching station at Hull and the Commission's station at Belleville can at the time be made, the Power Company shall not, however so cut off any part or all of the power and energy being supplied to the Commission hereunder until after it has used its best efforts to give fifteen minutes' notice by such telephone connection to an employee of the Commission at said Belleville station;

4. (h) The power and energy delivered hereunder shall be alternating three phase with a periodicity of approximately sixty (60) cycles per second at a pressure between phase wires of approximately, but not exceeding, one hundred and fourteen thousand (114,000) volts, at the point of delivery to the Commission by the Transmission Company; The Power Company shall maintain the generator voltage within two per cent. (2%) of the generator voltage corresponding to the said one hundred and fourteen thousand (114,000) volts at the said point of delivery and shall maintain suitable equipment for such purpose;

4. (i) The Company at all times shall use its best endeavours to co-operate with the Commission by such means and to the extent it may consider proper to meet the requirements of the Commission in variation of the aforesaid voltage so as to furnish a voltage satisfactory to the Commission; It is understood and agreed that in operation of plants in parallel the control of power factor and power delivery in any generating plant is to a large extent within the control of the operators in that plant and the Power Company agrees, so far as it can do so with its equipment installed and its other load, to so operate its plant as to maintain a power factor at its point of measurement to the Commission, and also the delivery of power, within the limits directed by the Commission from time to time, provided that by so doing it shall if and to the extent necessary be relieved from its obligations as to voltage and frequency regulation specified in Clause 4 (h);

4. (j) If the Commission shall take in any week more kilowatt hours than it is entitled under Clause 4 (d) to take in such week and the Power Company shall not in advance of such excess taking have filed with the Commission a protest as hereinafter provided, then upon notification from the Power Company the Commission will adjust the matter by making a corresponding reduction in its takings in the next following week in which its requirements permit it to do so, and the Commission shall not be subject to any penalty for such excess taking, or for any delay in making good the same; A protest from the Power Company for the purpose of this clause must be based upon a prior excess taking by the Commission and may not cover a period beyond the six months next following such excess taking; After receipt of such protest and during the period covered thereby the Commission shall use its best efforts to limit its weekly taking to the number of kilowatt hours which it is entitled to take under Clause 4 (d), always provided that the Power Company, so far as practicable, regulates the rate of delivery of power and kilowatt hours from time to time as the Commission may direct;

4. (k) For all purposes of this agreement the Power Company shall be considered to have held available for the Commission in each week all the horsepower and kilowatt hours to which the Commission was entitled in that week unless the Power Company fails to have available the power and energy which the Commission asks for, being entitled to the same under the provisions hereof, and unless within fourteen (14) days after the end of that week the Commission shall have given to the Power Company written notice of the fact and approximate amount of the deficiency;

4. (l) Because of the fact that the high voltage circuits mentioned in this agreement are physically connected and operated in parallel with those from other power sources, and because of the magnitude and nature of the system involved, it is necessary that the parties hereto co-operate. The parties hereto shall co-operate in respect of all matters of common interest including plant and equipment design, hydrology and storage, provided that each of the parties shall have the final decision and be responsible for its respective plant and properties. The parties hereto shall also co-operate in respect of design of control, protective, communication and other such features as necessitate a similar or co-ordinated equipment at the plants of each party. The parties hereto shall from time to time make such commercially reasonable changes in, or additions to the equipment owned by them respectively (other than major equipment) as will best serve the system as a whole. The parties hereto shall exercise all due skill and diligence so as to secure the satisfactory operation as a system of the plant, apparatus and property of the several parties hereto;

5. (a) The measurement of electrical power and energy under this Agreement shall be made by means of suitable polyphase recording demand meters and integrating kilowatt-hour meters provided and installed by the Power Company and the said meters shall be arranged so as to measure and record accurately the said power and energy. Readings from the said kilowatt-hour meters shall be taken daily at the same hour and recorded by the Power Company on forms supplied by the Commission. Records from the said kilowatt-hour meters and the said recording demand meters shall be dated and forwarded promptly by the Power Company to the Commission and such records on file with the Commission shall be available to the Power Company for inspection at all reasonable times;

5. (b) The weekly taking of energy shall be determined from the weekly readings of the said kilowatt-hour meters. The power delivered under this Agreement shall be that recorded by the above mentioned polyphase recording demand meters and shall be the greatest integrated demand for any twenty (20) consecutive minutes as determined from coincident readings of the meters used in the measurement of this power, provided that nothing in this clause shall be construed as increasing any obligation of the Power Company under Clause 1, or increasing any obligation of the Commission under Clause 3;

5. (c) The power and energy supplied under this Agreement shall be measured at the Power Company's switching station at Hull at the transmission voltage of one hundred and fourteen thousand (114,000) volts and no adjustment of such measurement shall be required, the loss in transmission at this voltage from the said switching station to the point of delivery having already been considered in the price herein specified;

5. (d) Access to said instruments and transformers belonging to the Power Company shall be free to the Commission at any and all times and the Commission may test such measuring instruments and transformers at any reasonable time, by giving to the Power Company seven (7) days' previous notice in writing, of its desire to test such measuring instruments and the Power Company shall be entitled to have a representative present while such test is being made;

5. (e) Measuring instruments with the necessary current and potential transformers for the measurement of electrical power and energy hereunder shall be provided, installed and maintained by the Power Company;

The Power Company agrees to test each meter installed by it to measure the electrical power and energy contracted for hereunder, at least once in each sixty (60) days; The Commission shall be advised at least five (5) days before the day of the test so it may if it so desires have a representative present to witness and verify such test; If at any time the Commission notifies the Power Company that it believes that such meters or any of them are not within the closest practicable approximation to perfect accuracy, said meter or meters shall be jointly tested within five (5) days of the receipt by the Power Company of the said notice; If any meter shall be found, on regular or special test, to be inaccurate, it shall be properly adjusted and the record of its readings taken since the last prior test and all bills affected shall be corrected; The Power Company shall repair or replace and retest defective meters or measuring equipment within a reasonable time; During any time there is no meter in service it shall be assumed that the power and energy taken is the same as for other days of the same month on which a similar load existed;

5. (f) The Commission may from time to time at its option install duplicate measuring equipment including necessary current and potential transformers at the point of measurement for the purpose of checking the records obtained from the Power Company's measuring equipment or for any other purpose;

5. (g) The Power Company shall be responsible for any damages to property or apparatus furnished by the Commission for the purpose of supplying or measuring power hereunder and installed on the Power Company's property, providing such damage originates from a source external to the said apparatus of the Commission and is not due to defects in the apparatus of the Commission;

5. (h) The kilowatts, kilovolt amperes, kilowatt hours, or any other factor or quantities shall be determined directly or indirectly from the measuring equipment provided for in this Clause 5 and University of Toronto electrical standards shall be used as the final reference as to the accuracy of measuring equipment;

6. The maintenance by the Power Company and the Transmission Company of approximately the agreed voltage, at approximately the agreed frequency at the point of delivery to the Commission, together with the ability and readiness of the said Companies to meet the requirements of the Commission under this Agreement, shall constitute the delivery of power and energy involved in this Agreement, provided, however, that the provision in Clause 4 (h) as to 2% regulation of voltage shall apply only at the points of generation;

7. (a) In case the Power Company or the Transmission Company shall, at any time or times, be prevented from delivering, or the Commission from receiving the said power, or any part thereof, by strike, lockout, riot, fire, invasion, explosion, act of God, the King's enemies, or any other similar cause or causes reasonably beyond the control of them or any of them, then to the extent of such prevention, the Power Company and the Transmission Company shall not be bound to deliver such power during such time and the amount of the Contract Demand shall be deemed to be reduced for the purpose of computing the amount of power for which the Commission shall be obligated to pay during the period of such prevention by the amount of power which the Power Company or Transmission Company is prevented from delivering or the Commission is prevented from receiving as the case may be;

Each party shall be prompt and diligent in removing the cause of such interruption (and to this end shall in advance of any such interruption provide a reasonable reserve of spare parts and apparatus), and as soon as the cause of such interruption is removed, the Power Company and the Transmission Company shall without any delay, deliver said power as aforesaid and the Commission shall pay for the same;

7. (b) The Power Company and the Transmission Company respectively shall have the right at reasonable times and when possible after due notice has been given to the Commission to discontinue or reduce to the extent necessary the supply of power to the Commission for the purpose of safeguarding life or property, or for the purpose of making repairs, renewals or replacements to the generating, transforming, or transmitting equipment, but all such interruptions, total or partial, shall be of minimum duration, and when possible arranged for at a time least objectionable to the Commission;

During such interruptions, the Commission shall be released from its obligation to pay for such power as the Commission is entitled to receive and the Power Company or the Transmission Company fails to deliver:

8. One or more representatives or engineers of the Commission designated for this purpose, may, at any reasonable time, during the continuance of this Agreement, have access to the premises of the Power Company and of the Transmission Company for the purpose of inspecting the premises, apparatus, plants, property and electrical and hydraulic records of the said Companies and to take and obtain records therefrom as required: Representatives of the Power Company shall have similar rights in respect of the premises, apparatus, plants, property and electrical and hydraulic records of the Commission pertaining to the operation of this Agreement:

9. The Commission may waive any default under this Agreement but such waiver shall be limited to the particular instance and shall not affect the Commission's rights under this Agreement:

10. In case of the failure of the Power Company or of the Transmission Company in any week to deliver the full amount of electrical energy to which the Commission is entitled under Clause 4 (d) in such week, there shall be a proportionate reduction in the sums payable by the Commission to the Power Company in respect of the Contract Demand for such week; that is, the amount accrued due from the Commission to the Power Company in respect of the Contract Demand during such week shall be reduced by a sum having the same ratio to such accrued amount as the number of kilowatt hours which the Power Company or the Transmission Company fails to deliver as aforesaid bears to eighty-eight (88) times the horsepower of the then Contract Demand; Provided that in respect of any one week the Commission shall be entitled to only one reduction in the amount owing for such week, such reduction being either in respect of energy as provided in this Clause 10, or in respect of power as provided in Clauses 7 (a) and 7 (b), whichever reduction shall be greater; and in addition if such failure of the Power Company or Transmission Company is due to causes within its control (deficiency of stream flow or any of the matters in Clause 7 (a) shall not for the purposes of this clause be deemed to be within the control of the said Companies nor shall interruptions within Clause 7 (b), but financial difficulties are to be considered within the control of the said Companies), the Power Company shall pay to the Commission, as liquidated damages, a sum equal until October 1st, 1943, to Fifty Per Cent. (50%) of the reduction so made in the sums payable by the Commission to the Power Company, thereafter, to One Hundred Per Cent. (100%):

11. The Commission shall be entitled at the termination of this Agreement, or within Thirty days thereafter, to remove from the premises of either of said Companies any and all plant or equipment which may have been installed by the Commission for the supply or measurement of power or energy hereunder:

12. All written notices to be delivered hereunder by any party to any other may be sent by prepaid registered letter to such address or addresses as each party shall from time to time file with the others. The Parties agree each to maintain its address on file with the others and in default such address shall in the case of the Power Company and the Transmission Company be deemed to be the City of Ottawa and in the case of the Commission the City of Toronto:

13. The Commission agrees to observe strictly all Quebec and other laws affecting the exportation, outside of Canada, of the electric power or energy supplied under this Agreement:

14. This Agreement shall be binding on the Parties hereto upon its execution and shall take effect as of November 1st, 1935 and shall continue in effect until cancelled by written notice delivered by the Power Company to the Commission or by the Commission to the Power Company not less than two full years prior to the termination date therein specified, which date shall be September 30th of a year not earlier than 1945:

15. The Power Company and the Commission hereby respectively vest in the Transmission Company all right, title and interest of each of them respectively (if any) in the transmission line of the Transmission Company extending from the point where the Power Company's lines connect therewith to the point ten (10) feet on the Ontario side of the boundary between the Provinces of Ontario and Quebec where the said transmission line of the Transmission Company connect with the transmission line of the Commission, including in the case of the Power Company all servitudes, lands and rights and interest therein used for the purposes of the said line of the Transmission Company and in the case of the Commission all rights in the nature of an easement or license necessary to the operation, repair and maintenance of the said line and other necessary incidental rights:

16. This contract shall be construed according to the laws of the Province of Ontario:

In witness whereof the parties hereto have caused this Agreement to be executed under their corporate seals and the hands of their duly authorized officers:

SIGNED, SEALED AND DELIVERED

In the presence of

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO.
(Seal)

(Sgd.) T. S. LYON,
Chairman.

(Sgd.) A. MURRAY MCCRIMMON,
Secretary.

GATINEAU POWER COMPANY.
(Seal)

(Sgd.) G. GORDON GALE,
President.

(Sgd.) J. R. BINKS,
Secretary.

GATINEAU TRANSMISSION COMPANY.
(Seal)

(Sgd.) J. B. WHITE,
Vice-President.

(Sgd.) J. R. BINKS,
Secretary.

APPENDIX II

TRANSMISSION LINE RECORDS

Corrected to October 31, 1936

including

Summaries of data respecting mileage of transmission lines

built or acquired by

The Hydro-Electric Power Commission of Ontario

APPENDIX

TOTAL MILEAGE OF TRANSMISSION LINES AND NUMBER OF

| System and voltage | Line route miles | | |
|---|------------------------------|------------------------|------------------------------|
| | Total to Oct. 31, 1935 | Addi- tions 1936 | Total to Oct. 31, 1936 |
| Niagara System | | | |
| 220,000-volt..... | 705.27 | ..... | 705.27 |
| 110,000-volt..... | 713.70 | ..... | 713.70 |
| 110,000-volt..... | 67.16 | ..... | 67.16 |
| 90,000-volt..... | 65.85 | ..... | 65.85 |
| 60,000-volt..... | 94.23 | ..... | 94.23 |
| 60,000-volt..... | 23.72 | 0.23 | 23.95 |
| 46,000-volt..... | 16.92 | ..... | 16.94 |
| 46,000-volt..... | 21.54 | 0.34 | 21.88 |
| 30,000-volt..... | 13.29 | *13.29 | ..... |
| 26,400-volt..... | 610.35 | *2.17 | 608.18 |
| 13,200-volt..... | 432.42 | 20.74 | 453.16 |
| 13,200-volt..... | 0.71 | *0.15 | 0.56 |
| 12,000-volt..... | 121.50 | *9.74 | 111.76 |
| Dominion Power division—44,000-volt..... | 37.31 | ..... | 37.31 |
| Dominion Power division—44,000-volt..... | 141.46 | *0.10 | 141.36 |
| Dominion Power division—22,000-volt..... | 28.10 | ..... | 28.10 |
| Dominion Power division—22,000-volt (concrete poles)..... | 9.00 | ..... | 9.00 |
| Dominion Power division—10,000-volt..... | 14.52 | ..... | 14.52 |
| Georgian Bay System | | | |
| 110,000-volt..... | 55.82 | ..... | 55.83 |
| 38,000-volt..... | 54.28 | *13.44 | 40.84 |
| 22,000-volt..... | ..... | 13.44 | 13.44 |
| 6,600-volt..... | 2.30 | ..... | 2.30 |
| Severn district—22,000-volt..... | 176.46 | ..... | 176.46 |
| Eugenia district—26,400-volt and less..... | 321.00 | ..... | 321.00 |
| Wasdell district—22,000-volt..... | 83.72 | ..... | 83.72 |
| Muskoka district—38,000-volt and less..... | 26.46 | ..... | 26.46 |
| Eastern Ontario System | | | |
| 110,000-volt..... | 107.08 | ..... | 107.08 |
| 110,000-volt..... | 43.12 | ..... | 43.12 |
| 44,000-volt..... | 24.33 | ..... | 24.33 |
| 33,000-volt..... | 33.86 | ..... | 33.86 |
| Central district—44,000-volt and less..... | 503.06 | ..... | 503.06 |
| St. Lawrence district—44,000-volt..... | 125.13 | *0.11 | 125.02 |
| Rideau district—33,000-volt and less..... | 76.99 | ..... | 76.99 |
| Madawaska district—38,000-volt and less..... | 58.71 | 0.10 | 58.81 |
| Thunder Bay System | | | |
| 110,000-volt..... | 82.12 | ..... | 82.12 |
| 110,000-volt..... | 83.33 | ..... | 83.33 |
| 22,000-volt..... | 0.35 | ..... | 0.35 |
| 12,000-volt..... | 1.45 | ..... | 1.45 |
| Northern Ontario Properties | | | |
| Abitibi district—132,000-volt..... | 361.96 | 0.78 | 362.74 |
| 132,000-volt..... | 94.86 | 87.18 | 182.04 |
| 26,400-volt and less..... | 28.18 | 4.68 | 32.86 |
| Nipissing district—22,000-volt..... | 51.39 | 0.28 | 51.67 |
| Sudbury district—22,000-volt..... | 58.21 | 2.87 | 61.08 |
| St. Joseph district—22,000-volt..... | 26.40 | 1.74 | 28.14 |
| Espanola district—33,000-volt..... | 10.74 | ..... | 10.74 |
| Total..... | 5,608.39 | †93.38 | 5,701.77 |

*Removals. †Net increase.

II

SUPPORTING STRUCTURES CONSTRUCTED AND ACQUIRED

| Circuit miles | | | Number of steel towers | | | Number of wood poles | | |
|------------------------------|------------------------|------------------------------|------------------------------|------------------------|------------------------------|------------------------------|------------------------|------------------------------|
| Total to Oct. 31, 1935 | Addi- tions 1936 | Total to Oct. 31, 1936 | Total to Oct. 31, 1935 | Addi- tions 1936 | Total to Oct. 31, 1936 | Total to Oct. 31, 1935 | Addi- tions 1936 | Total to Oct. 31, 1936 |
| 705.27 | ..... | 705.27 | 3,522 | ..... | 3,522 | ..... | ..... | ..... |
| 1,372.76 | ..... | 1,372.76 | 6,562 | ..... | 6,562 | ..... | ..... | ..... |
| 67.16 | ..... | 67.16 | ..... | ..... | ..... | 824 | ..... | 824 |
| 128.72 | ..... | 128.72 | 409 | ..... | 409 | ..... | ..... | ..... |
| 74.86 | ..... | 74.86 | 941 | 8 | 949 | ..... | ..... | ..... |
| 23.72 | 0.23 | 23.95 | ..... | ..... | ..... | 641 | 3 | 644 |
| 50.16 | ..... | 50.16 | 375 | ..... | 375 | ..... | ..... | ..... |
| 21.54 | 0.34 | 21.88 | ..... | ..... | ..... | 673 | 12 | 685 |
| 26.58 | *26.58 | ..... | ..... | ..... | ..... | 612 | *612 | ..... |
| 779.97 | *3.44 | 776.53 | ..... | ..... | ..... | 23,634 | *74 | 23,560 |
| 517.42 | 20.89 | 538.31 | ..... | ..... | ..... | 17,379 | 450 | 17,829 |
| 1.42 | *0.30 | 1.12 | 16 | *2 | 14 | ..... | ..... | ..... |
| 191.88 | *24.22 | 167.66 | 7 | ..... | 7 | 5,061 | *472 | 4,589 |
| 74.62 | ..... | 74.62 | 526 | ..... | 526 | ..... | ..... | ..... |
| 137.84 | *0.10 | 137.74 | ..... | ..... | ..... | 5,120 | *45 | 5,075 |
| 33.45 | ..... | 33.45 | ..... | ..... | ..... | 1,293 | ..... | 1,293 |
| 18.00 | ..... | 18.00 | ..... | ..... | ..... | 253 | ..... | 253 |
| 14.52 | ..... | 14.52 | ..... | ..... | ..... | 498 | ..... | 498 |
| 55.83 | ..... | 55.83 | ..... | ..... | ..... | 548 | ..... | 548 |
| 54.28 | *13.44 | 40.84 | ..... | ..... | ..... | 684 | *211 | 473 |
| ..... | 13.44 | 13.44 | ..... | ..... | ..... | ..... | 211 | 211 |
| 2.30 | ..... | 2.30 | ..... | ..... | ..... | 101 | ..... | 101 |
| 247.63 | ..... | 247.63 | ..... | ..... | ..... | 7,457 | *5 | 7,452 |
| 404.39 | ..... | 404.39 | ..... | ..... | ..... | 12,636 | *4 | 12,632 |
| 87.66 | ..... | 87.66 | ..... | ..... | ..... | 3,267 | ..... | 3,267 |
| 26.46 | ..... | 26.46 | ..... | ..... | ..... | 1,148 | ..... | 1,148 |
| 110.39 | ..... | 110.39 | 636 | ..... | 636 | ..... | ..... | ..... |
| 43.12 | ..... | 43.12 | ..... | ..... | ..... | 646 | ..... | 646 |
| 24.33 | ..... | 24.33 | ..... | ..... | ..... | 286 | ..... | 286 |
| 33.86 | ..... | 33.86 | ..... | ..... | ..... | 921 | ..... | 921 |
| 554.29 | ..... | 554.29 | 2 | ..... | 2 | 17,929 | ..... | 17,929 |
| 125.13 | *0.11 | 125.02 | ..... | ..... | ..... | 4,334 | *5 | 4,329 |
| 76.99 | ..... | 76.99 | ..... | ..... | ..... | 2,870 | ..... | 2,870 |
| 58.71 | 0.10 | 58.81 | ..... | ..... | ..... | 1,965 | ..... | 1,965 |
| 164.28 | ..... | 164.28 | 539 | ..... | 539 | ..... | ..... | ..... |
| 83.33 | ..... | 83.33 | ..... | ..... | ..... | 1,352 | ..... | 1,352 |
| 0.35 | ..... | 0.35 | ..... | ..... | ..... | 15 | ..... | 15 |
| 1.45 | ..... | 1.45 | ..... | ..... | ..... | 61 | ..... | 61 |
| 723.92 | 1.56 | 725.48 | 1,875 | 5 | 1,880 | ..... | ..... | ..... |
| 94.86 | 87.18 | 182.04 | ..... | ..... | ..... | 1,371 | 1,229 | 2,600 |
| 28.18 | 4.68 | 32.86 | ..... | ..... | ..... | 1,001 | 140 | 1,141 |
| 67.91 | 0.28 | 68.19 | ..... | ..... | ..... | 1,839 | ..... | 1,839 |
| 58.21 | 2.87 | 61.08 | 2 | ..... | 2 | 3,373 | 81 | 3,454 |
| 26.40 | 1.74 | 28.14 | ..... | ..... | ..... | 692 | 54 | 746 |
| 10.74 | ..... | 10.74 | 1 | ..... | 1 | 291 | ..... | 291 |
| 7,404.89 | †65.12 | 7,470.01 | 15,413 | †11 | 15,424 | 120,775 | †752 | 121,527 |

APPENDIX II

LINES FOR THE USE OF

| System | Total route miles | | | Miles of single-circuit line | | |
|----------------------------------|----------------------------|--|------------------------|------------------------------|--|------------------------|
| | Completed to Oct. 31, 1935 | Completed Oct. 31, 1935 to Oct. 31, 1936 | Total to Oct. 31, 1936 | Completed to Oct. 31, 1935 | Completed Oct. 31, 1935 to Oct. 31, 1936 | Total to Oct. 31, 1936 |
| Niagara system..... | 706.08 | *33.33 | 672.75 | 323.66 | *75.87 | 247.79 |
| Dominion Power division..... | | | | | | |
| Georgian Bay system..... | | | | | | |
| Eastern Ontario system..... | 8.35 | | 8.35 | 5.50 | | 5.50 |
| Thunder Bay system..... | | | | | | |
| Northern Ontario properties..... | 250.80 | 31.05 | 281.85 | 246.54 | 26.56 | 273.10 |
| Totals..... | 965.23 | *2.28 | †962.95 | 575.70 | *49.31 | 526.39 |

Included in totals are 1.30 miles of 8-circuit line and 0.18 miles of 7-circuit line (E.O. system),

†This total exclusive of telephone cable.

*Removals.

TELEPHONE CIRCUITS CARRIED

| System | Total route miles | | | Miles of single-circuit line | | |
|----------------------------------|----------------------------|--|------------------------|------------------------------|--|------------------------|
| | Completed to Oct. 31, 1935 | Completed Oct. 31, 1935 to Oct. 31, 1936 | Total to Oct. 31, 1936 | Completed to Oct. 31, 1935 | Completed Oct. 31, 1935 to Oct. 31, 1936 | Total to Oct. 31, 1936 |
| Niagara system and N.A..... | 1,060.73 | 40.68 | 1,101.41 | 974.10 | 38.99 | 1,013.09 |
| Dominion Power division..... | 20.01 | 0.21 | 20.22 | 14.82 | 0.21 | 15.03 |
| Georgian Bay system..... | 709.06 | *0.48 | 708.58 | 645.38 | *0.19 | 645.19 |
| Eastern Ontario system..... | 841.75 | 8.52 | 850.27 | 752.17 | 24.04 | 776.21 |
| Thunder Bay system..... | 97.86 | | 97.86 | 97.86 | *5.70 | 92.16 |
| Northern Ontario properties..... | 320.40 | 14.60 | 335.00 | 319.87 | 14.60 | 334.47 |
| Totals..... | 3,049.81 | †63.53 | †3,113.34 | 2,804.20 | †71.95 | 2,876.15 |

*Removals. †Net increase.

†This total exclusive of telephone cable.

Derived (carrier and phantom) circuits to Oct. 31, 1935 — Niagara system — 298.69 miles, Derived (carrier and phantom) circuits to Oct. 31, 1936 — Niagara system — 298.69 miles, These circuits are additional to the above tabulation but are made available by utilizing listed

(Concluded)

TELEPHONE CIRCUITS ONLY

| Miles of double-circuit line | | | Miles of three-circuit line | | | Miles of four-circuit line | | | Miles of telephone cable | | |
|------------------------------|--|------------------------|-----------------------------|--|------------------------|----------------------------|--|------------------------|----------------------------|--|------------------------|
| Completed to Oct. 31, 1935 | Completed Oct. 31, 1935 to Oct. 31, 1936 | Total to Oct. 31, 1936 | Completed to Oct. 31, 1935 | Completed Oct. 31, 1935 to Oct. 31, 1936 | Total to Oct. 31, 1936 | Completed to Oct. 31, 1935 | Completed Oct. 31, 1935 to Oct. 31, 1936 | Total to Oct. 31, 1936 | Completed to Oct. 31, 1935 | Completed Oct. 31, 1935 to Oct. 31, 1936 | Total to Oct. 31, 1936 |
| 273.70 | 54.82 | 328.52 | 9.08 | ..... | 9.08 | 93.84 | *18.74 | 75.10 | 27.56 | *2.39 | 25.17 |
| | | | | | | | | | | | |
| 1.37 | ..... | 1.37 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 4.26 | 4.49 | 8.75 | ..... | ..... | ..... | ..... | ..... | ..... | 0.35 | 0.90 | 1.25 |
| 279.33 | 59.31 | 338.64 | 9.08 | ..... | 9.08 | 93.84 | *18.74 | 75.10 | 27.91 | *1.49 | 26.42 |

and 5.80 miles of 6-circuit line and 7.06 miles of 5-circuit line in Niagara system.

JOINTLY WITH POWER CIRCUITS

| Miles of double-circuit line | | | Miles of three-circuit line | | | Miles of four-circuit line | | | Miles of telephone cable | | |
|------------------------------|--|------------------------|-----------------------------|--|------------------------|----------------------------|--|------------------------|----------------------------|--|------------------------|
| Completed to Oct. 31, 1935 | Completed Oct. 31, 1935 to Oct. 31, 1936 | Total to Oct. 31, 1936 | Completed to Oct. 31, 1935 | Completed Oct. 31, 1935 to Oct. 31, 1936 | Total to Oct. 31, 1936 | Completed to Oct. 31, 1935 | Completed Oct. 31, 1935 to Oct. 31, 1936 | Total to Oct. 31, 1936 | Completed to Oct. 31, 1935 | Completed Oct. 31, 1935 to Oct. 31, 1936 | Total to Oct. 31, 1936 |
| 81.18 | *1.61 | 79.57 | 4.45 | *3.66 | 0.79 | 1.00 | 6.96 | 7.96 | ..... | 3.46 | 3.46 |
| 5.19 | ..... | 5.19 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 56.63 | *0.79 | 55.84 | 7.05 | 0.50 | 7.55 | ..... | ..... | ..... | ..... | ..... | ..... |
| 89.58 | *15.52 | 74.06 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | 5.70 | 5.70 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 0.53 | ..... | 0.53 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 233.11 | *12.22 | 220.89 | 11.50 | *3.16 | 8.34 | 1.00 | 6.96 | 7.96 | ..... | 3.46 | 3.46 |

Eastern Ontario system—12.70 miles.
Eastern Ontario system—12.70 miles.
physical circuits.

APPENDIX III

CONSTRUCTION IN RURAL POWER DISTRICTS

Summary of Data respecting distribution lines in Rural Power Districts constructed by The Hydro-Electric Power Commission of Ontario

Below is shown in tabular form the work carried on under the supervision of the Distribution section of the Electrical Engineering department in Rural Power Districts during the year ended October 31, 1936.

SUMMARY OF CONSTRUCTION IN RURAL POWER DISTRICTS

| | At October 31, 1935 | | At October 31, 1936 | | | | | |
|-----------------------------|-----------------------------------|---------------------------------------|-----------------------|----------------------------------|-----------|---------------------|------------|--------|
| | Miles of primary line constructed | Number of consumers receiving service | Miles of primary line | | | Number of Consumers | | |
| | | | Constructed | Under construction or authorized | Total | Receiving service | Authorized | Total |
| NIAGARA SYSTEM..... | 7,019.42 | 47,869 | 7,470.37 | 108.16 | 7,578.53 | 51,110 | 410 | 51,520 |
| GEORGIAN BAY SYSTEM | | | | | | | | |
| Sewern district..... | 312.14 | 2,943 | 374.89 | 12.35 | 387.24 | 3,441 | 37 | 3,478 |
| Eugenia district..... | 222.65 | 1,129 | 255.25 | 0 | 255.25 | 1,344 | 0 | 1,344 |
| Wasdell district..... | 238.69 | 1,633 | 251.27 | 0.12 | 251.39 | 1,792 | 4 | 1,796 |
| Muskoka district..... | 127.37 | 763 | 149.89 | 7.75 | 157.64 | 897 | 17 | 914 |
| Bala district..... | 41.27 | 260 | 46.06 | 0.66 | 46.72 | 293 | 2 | 295 |
| Minden R.P.D..... | 0 | 0 | 2.61 | 0 | 2.61 | 39 | 0 | 39 |
| EASTERN ONTARIO SYSTEM | | | | | | | | |
| Central district..... | 1,081.39 | 7,495 | 1,186.95 | 28.24 | 1,215.19 | 8,235 | 98 | 8,333 |
| St. Lawrence district..... | 405.01 | 2,494 | 431.59 | 7.65 | 439.24 | 2,726 | 17 | 2,743 |
| Rideau district..... | 92.18 | 537 | 96.34 | 0.20 | 96.54 | 581 | 2 | 583 |
| Madawaska district..... | 15.21 | 122 | 34.79 | 1.20 | 35.99 | 268 | 3 | 271 |
| Ottawa district..... | 185.79 | 1,197 | 197.81 | 1.16 | 198.97 | 1,278 | 4 | 1,282 |
| THUNDER BAY SYSTEM.. | 81.35 | 315 | 82.73 | 3.20 | 85.93 | 346 | 10 | 356 |
| NORTHERN ONTARIO PROPERTIES | | | | | | | | |
| Nipissing district..... | 18.12 | 426 | 19.37 | 0 | 19.37 | 471 | 0 | 471 |
| Manitoulin district.... | 37.25 | 176 | 37.25 | 0 | 37.25 | 189 | 0 | 189 |
| Total..... | 9,877.84 | 67,359 | 10,637.17 | 170.69 | 10,807.86 | 73,010 | 604 | 73,614 |

DETAILS OF CONSTRUCTION IN RURAL POWER DISTRICTS

| Rural power district | Property number | At October 31, 1935 | | At October 31, 1936 | |
|----------------------|-----------------|-----------------------------------|---------------------------------------|-----------------------------------|---------------------------------------|
| | | Miles of primary line constructed | Number of consumers receiving service | Miles of primary line constructed | Number of consumers receiving service |
| NIAGARA SYSTEM | | | | | |
| Acton..... | N5D1 | 9.39 | 28 | 11.02 | 32 |
| Ailsa Craig..... | N4D7 | 5.59 | 16 | 5.59 | 17 |
| Alvinston..... | N18D9 | 4.50 | 9 | 4.80 | 9 |
| Amherstburg..... | N15D3 | 67.61 | 609 | 73.55 | 648 |
| Aylmer..... | N11D2 | 118.43 | 675 | 133.93 | 751 |
| Ayr..... | N12D4 | 23.76 | 91 | 27.26 | 104 |
| Baden..... | N7D1 | 100.73 | 471 | 115.50 | 535 |
| Beamsville..... | N44D3 | 168.83 | 1,610 | 179.72 | 1,660 |
| Belle River..... | N15D2 | 43.83 | 378 | 45.95 | 403 |
| Blenheim..... | N14D3 | 61.24 | 332 | 67.86 | 361 |
| Bond Lake..... | N3D3 | 173.41 | 1,716 | 182.76 | 1,846 |
| Bothwell..... | N14D10 | 39.39 | 148 | 41.72 | 165 |
| Brampton..... | N13D2 | 54.83 | 177 | 60.54 | 191 |
| Brant..... | N12D1 | 115.19 | 614 | 122.91 | 676 |
| Brigden..... | N18D8 | 36.91 | 121 | 37.24 | 123 |
| Burford..... | N12D2 | 53.50 | 282 | 55.57 | 299 |
| Caledonia..... | N2D5 | 105.67 | 546 | 112.72 | 607 |
| Chatham..... | N14D1 | 150.52 | 858 | 166.19 | 898 |
| Chippawa..... | N1D7 | 28.20 | 188 | 29.86 | 202 |
| Clinton..... | N8D11 | 70.53 | 383 | 70.61 | 404 |
| Delaware..... | N4D3 | 143.20 | 697 | 145.37 | 718 |
| Dorchester..... | N4D4 | 113.30 | 622 | 119.76 | 655 |
| Dresden..... | N14D12 | 24.58 | 77 | 28.89 | 86 |
| Drumbo..... | N12D5 | 60.35 | 274 | 62.84 | 297 |
| Dundas..... | N2D1 | 117.44 | 781 | 136.22 | 859 |
| Dunnville..... | N1D9 | 19.55 | 114 | 20.85 | 129 |
| Dutton..... | N11D3 | 47.40 | 181 | 50.82 | 199 |
| Elmira..... | N7D3 | 25.25 | 91 | 26.05 | 99 |
| Elora..... | N5D4 | 48.21 | 270 | 53.41 | 284 |
| Essex..... | N15D7 | 90.05 | 464 | 95.58 | 496 |
| Exeter..... | N4D6 | 69.62 | 680 | 70.20 | 712 |
| Forest..... | N18D6 | 44.13 | 164 | 51.95 | 205 |
| Galt..... | N6D2 | 40.93 | 341 | 41.08 | 353 |
| Georgetown..... | N5D2 | 58.06 | 281 | 60.67 | 296 |
| Goderich..... | N8D2 | 50.69 | 195 | 51.27 | 209 |
| Grantham..... | N44D1 | 65.53 | 861 | 63.65 | 889 |
| Guelph..... | N5D3 | 99.27 | 605 | 106.44 | 643 |
| Haldimand..... | N2D8 | 69.26 | 330 | 88.40 | 395 |
| Harriston..... | N8D5 | 23.75 | 61 | 24.05 | 64 |
| Harrow..... | N15D4 | 68.58 | 661 | 71.48 | 694 |
| Ingersoll..... | N10D3 | 183.55 | 632 | 187.02 | 649 |
| Jordan..... | N44D2 | 39.99 | 414 | 44.22 | 428 |
| Keswick..... | N3D5 | 58.30 | 1,125 | 64.43 | 1,202 |
| Kingsville..... | N15D5 | 137.95 | 1,460 | 143.05 | 1,531 |
| Listowel..... | N8D8 | 82.13 | 356 | 82.35 | 368 |

DETAILS OF CONSTRUCTION IN RURAL POWER DISTRICTS—Continued

| Rural power district | Property number | At October 31, 1935 | | At October 31, 1936 | |
|--------------------------|-----------------|-----------------------------------|---------------------------------------|-----------------------------------|---------------------------------------|
| | | Miles of primary line constructed | Number of consumers receiving service | Miles of primary line constructed | Number of consumers receiving service |
| NIAGARA SYSTEM—Concluded | | | | | |
| London..... | N4D2 | 200.08 | 2,278 | 206.50 | 2,386 |
| Lucan..... | N4D5 | 42.92 | 146 | 43.33 | 149 |
| Lynden..... | N2D2 | 58.48 | 250 | 66.60 | 266 |
| Markham..... | N3D1 | 129.80 | 976 | 136.88 | 1,055 |
| Merlin..... | N14D15 | 96.61 | 344 | 98.25 | 368 |
| Milton..... | N13D3 | 70.26 | 354 | 77.48 | 372 |
| Milverton..... | N8D9 | 41.46 | 179 | 49.69 | 202 |
| Mitchell..... | N8D7 | 69.81 | 354 | 70.11 | 365 |
| Newmarket..... | N3D4 | 69.33 | 403 | 80.23 | 461 |
| Niagara..... | N1D1 | 51.15 | 326 | 51.77 | 336 |
| Norwich..... | N10D1 | 116.09 | 522 | 133.64 | 605 |
| Oil Springs..... | N18D3 | 21.14 | 115 | 21.14 | 115 |
| Palmerston..... | N8D6 | 38.56 | 115 | 39.14 | 121 |
| Petrolia..... | N18D5 | 14.98 | 64 | 18.31 | 80 |
| Preston..... | N6D1 | 152.50 | 1,199 | 156.39 | 1,189 |
| Ridgetown..... | N14D2 | 106.58 | 716 | 108.66 | 739 |
| St. Jacobs..... | N7D2 | 71.34 | 391 | 72.09 | 409 |
| St. Marys..... | N9D1 | 120.24 | 446 | 127.44 | 479 |
| St. Thomas..... | N11D1 | 171.07 | 1,165 | 174.72 | 1,218 |
| Saltfleet..... | N17D1 | 96.21 | 1,670 | 99.05 | 1,747 |
| Sandwich..... | N15D1 | 130.76 | 2,035 | 132.04 | 2,068 |
| Sarnia..... | N18D4 | 89.14 | 1,274 | 89.80 | 1,375 |
| Scarboro..... | N3D2 | 91.53 | 885 | 95.93 | 1,011 |
| Seaforth..... | N8D10 | 17.56 | 152 | 17.56 | 156 |
| Simcoe..... | N12D6 | 75.08 | 396 | 83.13 | 462 |
| Stamford..... | N44D4 | 8.77 | 305 | 8.77 | 303 |
| Stratford..... | N8D4 | 37.17 | 234 | 37.77 | 238 |
| Strathroy..... | N4D4 | 80.21 | 235 | 84.80 | 256 |
| Streetsville..... | N13D1 | 107.62 | 478 | 111.15 | 509 |
| Tavistock..... | N8D1 | 93.16 | 330 | 97.52 | 356 |
| Thamesville..... | N14D11 | 69.64 | 279 | 73.43 | 294 |
| Tilbury..... | N14D14 | 76.77 | 301 | 95.43 | 359 |
| Tillsonburg..... | N10D4 | 121.27 | 630 | 138.53 | 703 |
| Wallaceburg..... | N14D13 | 98.52 | 596 | 106.24 | 646 |
| Walsingham..... | N12D7 | 135.00 | 607 | 154.47 | 759 |
| Walton..... | N8D3 | 45.10 | 274 | 47.78 | 292 |
| Waterdown..... | N2D3 | 71.46 | 989 | 72.48 | 1,014 |
| Waterford..... | N12D3 | 72.97 | 325 | 82.38 | 351 |
| Watford..... | N18D7 | 17.55 | 57 | 17.55 | 58 |
| Welland..... | N1D5 | 285.61 | 2,790 | 287.70 | 2,917 |
| Woodbridge..... | N16D1 | 212.72 | 1,086 | 230.42 | 1,193 |
| Woodstock..... | N10D2 | 130.07 | 689 | 138.72 | 737 |

DETAILS OF CONSTRUCTION IN RURAL POWER DISTRICTS—Continued

| Rural power district | Property number | At October 31, 1935 | | At October 31, 1936 | |
|----------------------|-----------------|-----------------------------------|---------------------------------------|-----------------------------------|---------------------------------------|
| | | Miles of primary line constructed | Number of consumers receiving service | Miles of primary line constructed | Number of consumers receiving service |
| GEORGIAN BAY SYSTEM | | | | | |
| SEVERN DISTRICT | | | | | |
| Alliston..... | S32D1 | 24.52 | 148 | 24.72 | 157 |
| Barrie..... | S4D1 | 61.70 | 513 | 77.06 | 610 |
| Beeton..... | S33D1 | 1.80 | 5 | 1.80 | 5 |
| Bradford..... | S37D1 | 27.07 | 85 | 27.17 | 91 |
| Buckskin..... | S24D1 | 1.20 | 15 | 1.75 | 22 |
| Cookstown..... | S35D1 | 0.50 | 2 | 0.90 | 3 |
| Creemore..... | S10D2 | 30.12 | 121 | 30.12 | 128 |
| Elmvale..... | S7D1 | 26.25 | 157 | 26.25 | 160 |
| Hawkestone..... | S9D1 | 29.80 | 202 | 36.55 | 241 |
| Innisfil..... | S31D1 | 36.46 | 656 | 41.24 | 728 |
| Medonte..... | S18D1 | 9.44 | 57 | 23.30 | 112 |
| Midland..... | S1D1 | 28.50 | 141 | 48.75 | 275 |
| Nottawasaga..... | S5D1 | 8.22 | 100 | 8.22 | 100 |
| Thornton..... | S36D1 | 8.00 | 32 | 8.00 | 31 |
| Tottenham..... | S34D1 | 0.00 | 00 | 0.30 | 1 |
| Wasaga Beach..... | S10D1 | 18.56 | 709 | 18.76 | 777 |
| EUGENIA DISTRICT | | | | | |
| Arthur..... | E13D2 | 2.40 | 10 | 2.40 | 10 |
| Bruce..... | E19D1 | 62.47 | 279 | 62.65 | 311 |
| Chatsworth..... | E3D1 | 0.00 | 22 | 0.00 | 22 |
| Dundalk..... | E5D1 | 0.00 | 0 | 4.05 | 21 |
| Flesherton..... | E1D1 | 2.60 | 38 | 2.60 | 27 |
| Holstein..... | E7D1 | 0.50 | 8 | 0.50 | 8 |
| Lucknow..... | E24D1 | 0.11 | 2 | 0.11 | 2 |
| Markdale..... | E1D1 | 20.70 | 89 | 20.85 | 87 |
| Meaford..... | E14D1 | 1.00 | 5 | 6.39 | 34 |
| Neustadt..... | E8D1 | 0.50 | 4 | 0.76 | 6 |
| Orangeville..... | E12D1 | 23.28 | 82 | 23.73 | 86 |
| Owen Sound..... | E2D1 | 12.68 | 61 | 20.54 | 112 |
| Ripley..... | E24D2 | 4.32 | 13 | 4.92 | 15 |
| Sauble..... | E46D1 | 11.45 | 66 | 13.75 | 91 |
| Shelburne..... | E10D1 | 18.44 | 51 | 18.44 | 54 |
| Tara..... | E15D1 | 25.75 | 112 | 36.75 | 160 |
| Wroxeter..... | E22D1 | 36.45 | 290 | 36.81 | 298 |
| WASDELL DISTRICT | | | | | |
| Beaverton..... | W2D1 | 30.76 | 366 | 32.41 | 398 |
| Cannington..... | W3D1 | 10.09 | 53 | 10.09 | 53 |
| Mariposa..... | W9D1 | 49.39 | 324 | 50.50 | 336 |
| Port Perry..... | W12D1 | 51.66 | 402 | 53.06 | 426 |
| Sparrow Lake..... | W1D1 | 34.64 | 279 | 39.49 | 360 |
| Uxbridge..... | W11D1 | 62.15 | 209 | 65.72 | 219 |
| MUSKOKA DISTRICT | | | | | |
| Beaumaris..... | M7D1 | 36.84 | 305 | 45.25 | 353 |
| Baysville..... | M10D1 | 32.35 | 172 | 32.55 | 182 |
| Gravenhurst..... | M4D1 | 3.04 | 23 | 5.64 | 29 |
| Huntsville..... | M2D1 | 33.39 | 130 | 39.05 | 168 |
| Utterson..... | M8D1 | 21.75 | 133 | 27.40 | 165 |
| BALA DISTRICT | | | | | |
| Bala..... | GB13D1 | 41.27 | 260 | 46.06 | 293 |
| Minden..... | G37D1 | 0 | 0 | 2.61 | 39 |

DETAILS OF CONSTRUCTION IN RURAL POWER DISTRICTS—Continued

| Rural power district | Property number | At October 31, 1935 | | At October 31, 1936 | |
|--------------------------|-----------------|-----------------------------------|---------------------------------------|-----------------------------------|---------------------------------------|
| | | Miles of primary line constructed | Number of consumers receiving service | Miles of primary line constructed | Number of consumers receiving service |
| EASTERN ONTARIO SYSTEM | | | | | |
| CENTRAL ONTARIO DISTRICT | | | | | |
| Belleville..... | C38D1 | 86.05 | 710 | 93.33 | 735 |
| Bowmanville..... | C23D1 | 34.22 | 149 | 35.17 | 164 |
| Brighton..... | C6D1 | 11.55 | 68 | 12.63 | 71 |
| Campbellford..... | C11D1 | 22.29 | 82 | 22.69 | 86 |
| Cobourg..... | C13D1 | 105.85 | 506 | 116.68 | 560 |
| Colborne..... | C7D1 | 38.28 | 218 | 40.38 | 230 |
| Fenelon Falls*..... | C30D1 | 33.10 | 186 | 61.46 | 385 |
| Kingston..... | C44D1 | 138.54 | 810 | 156.18 | 965 |
| Lakefield..... | C18D1 | 28.94 | 110 | 29.49 | 126 |
| Marmora..... | C47D1 | 0 | 0 | 3.25 | 17 |
| Millbrook..... | C25D1 | 21.93 | 134 | 22.26 | 140 |
| Napanee..... | C43D1 | 112.10 | 553 | 120.89 | 613 |
| Newcastle..... | C22D1 | 30.45 | 132 | 30.45 | 137 |
| Norwood..... | C31D1 | 8.03 | 65 | 13.46 | 69 |
| Oshawa..... | C24D1 | 129.86 | 1,682 | 142.84 | 1,798 |
| Omeme..... | C26D1 | 5.22 | 8 | 5.22 | 10 |
| Peterborough..... | C20D1 | 66.93 | 1,155 | 71.24 | 1,214 |
| Stirling..... | C35D1 | 27.81 | 115 | 27.81 | 117 |
| Trenton..... | C3D1 | 45.99 | 217 | 62.46 | 279 |
| Warkworth..... | C49D1 | 0.77 | 8 | 0.77 | 10 |
| Wellington..... | C45D1 | 111.65 | 431 | 118.29 | 509 |
| ST. LAWRENCE DISTRICT | | | | | |
| Alexandria..... | L15D1 | 20.40 | 107 | 20.68 | 116 |
| Brockville..... | L3D1 | 99.36 | 685 | 99.36 | 718 |
| Chesterville..... | L5D1 | 52.14 | 369 | 58.89 | 427 |
| Iroquois..... | L9D1 | 91.16 | 461 | 90.96 | 472 |
| Martintown..... | L13D1 | 24.29 | 147 | 25.82 | 166 |
| Maxville..... | L14D2 | 62.64 | 411 | 66.22 | 433 |
| Prescott..... | L2D1 | 37.07 | 202 | 37.16 | 215 |
| Williamsburg..... | L7D1 | 17.95 | 112 | 32.50 | 179 |
| RIDEAU DISTRICT | | | | | |
| Carleton Place..... | H5D1 | 0.50 | 1 | 0.50 | 1 |
| Kemptville..... | H9D1 | 5.43 | 47 | 5.43 | 51 |
| Perth..... | H2D1 | 16.11 | 82 | 17.43 | 87 |
| Smiths Falls..... | H3D1 | 70.14 | 407 | 72.98 | 442 |
| MADAWASKA DISTRICT | | | | | |
| Arnprior..... | QM10D1 | 5.72 | 59 | 5.72 | 68 |
| Renfrew..... | QM16D1 | 9.49 | 63 | 29.07 | 200 |
| OTTAWA DISTRICT | | | | | |
| Nepean..... | T1D1 | 185.79 | 1,197 | 197.81 | 1,278 |

*Includes 21.83 miles and 156 consumers transferred from Lindsay R.P.D., Nov. 1, 1935.

DETAILS OF CONSTRUCTION IN RURAL POWER DISTRICTS—Concluded

| Rural power district | Property number | At October 31, 1935 | | At October 31, 1936 | |
|---------------------------------|-----------------|-----------------------------------|---------------------------------------|-----------------------------------|---------------------------------------|
| | | Miles of primary line constructed | Number of consumers receiving service | Miles of primary line constructed | Number of consumers receiving service |
| MANITOULIN RURAL POWER DISTRICT | | | | | |
| Manitoulin..... | FM1D1 | 37.25 | 176 | 37.25 | 189 |
| NORTHERN ONTARIO PROPERTIES | | | | | |
| NIPISSING DISTRICT | | | | | |
| North Bay..... | Z4D1 | 14.87 | 411 | 15.27 | 452 |
| Powassan..... | Z8D1 | 3.25 | 15 | 4.10 | 19 |

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| Cost of Power | 200 |
| Rural Operating | 212 |
| Credit or Charge Account | 222 |
| Sinking Fund | 230 |
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| Cost of Power | 192 |
| Credit or Charge Account | 216 |
| Sinking Fund | 228 |
| Municipal Accounts | A, 308; B, 354 |
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| Agreements Approved | 1 |
| Ailsa Craig—Load in Horsepower | 26 |
| Cost of Power | 192 |
| Credit or Charge Account | 216 |
| Sinking Fund | 228 |
| Municipal Accounts | A, 308; B, 354 |
| Statements | C, 400; D, 428; E, 440 |
| Ailsa Craig Rural Power District—Load | |
| in Horsepower | 29 |
| Miles of Lines Consumers and Rates | 100 |
| Cost of Power | 200 |
| Rural Operating | 212 |
| Credit or Charge | 222 |
| Sinking Fund | 230 |
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| proved | 1 |
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| Alexandria—Load in Horsepower | 45 |
| Cost of Power | 250 |
| Credit or Charge | 260 |
| Sinking Fund | 264 |
| Municipal Accounts | A, 344; B, 390 |
| Statements | C, 400; D, 428; E, 440 |
| Alexandria Rural Power District—Load | |
| in Horsepower | 46 |
| Miles of Line, Consumers and Rates | 104 |
| Cost of Power | 252 |
| Rural Operating | 258 |
| Credit or Charge | 262 |
| Sinking Fund | 264 |
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| Alliston—Load in Horsepower | 34 |
| Cost of Power | 232 |
| Credit or Charge | 242 |
| Sinking Fund | 248 |
| Municipal Accounts | A, 335; B, 381 |
| Statements | C, 400; D, 428; E, 440 |
| Alliston Rural Power District—Load in | |
| Horsepower | 36 |
| Miles of Line, Consumers and Rates | 103 |
| Cost of Power | 234 |
| Rural Operating | 240 |
| Credit or Charge Account | 244 |
| Sinking Fund | 248 |
| Details of Construction in | 485 |
| Alvinston—Load in Horsepower | 26 |
| Cost of Power | 192 |
| Credit or Charge Account | 216 |
| Sinking Fund | 228 |
| Municipal Accounts | A, 308; B, 354 |
| Statements | C, 400; D, 428; E, 440 |
| Alvinston Rural Power District—Load in | |
| Horsepower | 29 |
| Miles of Line, Consumers and Rates | 100 |
| Rural Line Construction | 134 |
| Cost of Power | 200 |
| Rural Operating | 212 |
| Credit or Charge Account | 222 |
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*The Statements "A", "B", "C", "D" and "E", appertaining to the local municipal electric utilities—and given in Section X of the Report—are detailed individually for Acton, but in the case of other municipalities are grouped under the sub-heading of "Municipal Accounts" with reference to Statements "A" and "B", and under the sub-heading "Statements" with reference to Statements "C", "D" and "E".

NOTE:—For townships that are served as parts of rural power districts consult the name of the rural power district or, for the respective systems, the "Cost of Power" tables of Section IX.

| | |
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| Credit or Charge Account..... | 216 |
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| Amherstburg Rural Power District—Load in Horsepower..... | 29 |
| Miles of Line, Consumers and Rates..... | 100 |
| Cost of Power..... | 200 |
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| Cost of Power..... | 192 |
| Credit or Charge Account..... | 216 |
| Sinking Fund..... | 228 |
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| Municipal Accounts..... | A, 344; B, 390 |
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| Credit or Charge Account..... | 216 |
| Sinking Fund..... | 228 |
| Municipal Accounts..... | A, 309; B, 355 |
| Statements..... | C, 400; D, 428; E, 440 |
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| Cost of Power..... | 252 |
| Rural Operating..... | 258 |
| Credit or Charge Account..... | 262 |
| Sinking Fund..... | 264 |
| Details of Construction in..... | 486 |
| Arthur—Load in Horsepower..... | 34 |
| Cost of Power..... | 232 |
| Credit or Charge Account..... | 242 |
| Sinking Fund..... | 248 |
| Municipal Accounts..... | A, 335; B, 381 |
| Statements..... | C, 400; D, 428; E, 440 |
| Arthur Rural Power District—Load in Horsepower..... | 36 |
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| Credit or Charge Account..... | 260 |
| Sinking Fund..... | 264 |
| Municipal Accounts..... | A, 344; P, 390 |
| Statements..... | C, 400; D, 428; E, 440 |
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| | |
|---|------------------------|
| Aylmer—Load in Horsepower..... | 26 |
| Cost of Power..... | 192 |
| Credit or Charge Account..... | 216 |
| Sinking Fund..... | 228 |
| Municipal Accounts..... | A, 309; B, 355 |
| Statements..... | C, 400; D, 428; E, 440 |
| Aylmer Rural Power District—Load in Horsepower..... | 29 |
| Miles of Line, Consumers and Rates..... | 100 |
| Rural Line Construction..... | 134 |
| Cost of Power..... | 200 |
| Rural Operating..... | 212 |
| Credit or Charge Account..... | 224 |
| Sinking Fund..... | 230 |
| Details of Construction in..... | 483 |
| Ayr—Load in Horsepower..... | 26 |
| Cost of Power..... | 192 |
| Credit or Charge Account..... | 216 |
| Sinking Fund..... | 228 |
| Municipal Accounts..... | A, 309; B, 355 |
| Statements..... | C, 400; D, 428; E, 440 |
| Ayr Rural Power District—Load in Horsepower..... | 29 |
| Miles of Line, Consumers and Rates..... | 100 |
| Cost of Power..... | 200 |
| Rural Operating..... | 212 |
| Credit or Charge Account..... | 224 |
| Sinking Fund..... | 230 |
| Details of Construction in..... | 483 |

B

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PORTION OF NORTHWESTERN ONTARIO

Scale, 100 miles = 1 inch

HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

MAP OF PORTION OF THE PROVINCE OF ONTARIO
SHOWING
TRANSMISSION LINES AND STATIONS

Scale: miles or 15-75 miles = 1 inch

3 1761 11546817 5

